

OAK

PHOTOGRAPHIC INTERPRETATION REPORT



MISSION 1028-I 25-29 DECEMBER 1965

PART II

Declass Review By
NIMA/DOD

TCS-80002/66
JANUARY 1966
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OAK PART II

MISSION 1028-1

PREFACE

THIS IS THE SECOND AND FINAL OAK REPORT ON MISSION 1028-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH), OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI-DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

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HIGHLIGHTS

1. PERM ICBM LAUNCH GROUP G [REDACTED]

25X1A

THREE NEW TYPE IIID SITES ARE IDENTIFIED. SITE G15 IS LOCATED AT 57-40N 56-24E, PROBABLE SITE G16 IS LOCATED AT 57-38N 55-48E AND PROBABLE SITE G17 IS LOCATED AT 57-43N 55-38E. POSSIBLE SITE G6 (SITE 14) IS NOT CONSIDERED TO BE A SITE AND HAS BEEN DROPPED. POSSIBLE SITE G10 CAN NOW BE CONFIRMED.

25X1A 2. KARTALY ICBM COMPLEX [REDACTED]

25X1D

TWO NEW AREAS OF CONSTRUCTION, NOT PRESENT ON THE LAST COVERAGE, [REDACTED] ARE NEWLY IDENTIFIED. THEY ARE DESIGNATED PROBABLE LAUNCH AREA N AND POSSIBLE LAUNCH AREA O AND ARE LOCATED 9.5 NM ESE AND 6 NM SE OF THE COMPLEX SUPPORT FACILITY.

3. SHUANG-CHENG-TZU LAUNCH COMPLEX A [REDACTED]

25X1A

25X1D

SEVERAL PIECES OF EQUIPMENT, INCLUDING A PROBABLE MISSILE TRANSPORTER, ARE ON PAD A-1 ON [REDACTED] NO ACTIVITY OBSERVED ON THE PAD ON [REDACTED]

25X1D

4. SHUANG-CHENG-TZU LAUNCH CPLX B [REDACTED]

25X1A

TWO RAIL SPURS ARE BEING CONSTRUCTED TO LAUNCH COMPLEX B. AT THE END OF THE NORTH SPUR IS A PROBABLE LAUNCH POSITION UNDER CONSTRUCTION. THE SOUTH SPUR TERMINATES AT THE ABANDONED EXCAVATIONS WHERE A SECOND LAUNCH POSITION WILL POSSIBLY BE CONSTRUCTED.

5. SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX [REDACTED]

25X1A

25X1D

25X1D

A NEW SAM INSTRUMENTATION SITE (7) IS IDENTIFIED APPROXIMATELY 9 NM SE OF SAM INSTRUMENTATION SITE 5. THIS SITE, NOT PRESENT ON [REDACTED] COMPLETES THE EXTENSION OF THE SAM INSTRUMENTATION RANGE FIRST OBSERVED [REDACTED]

6. AMM/SAM LAUNCH COMPLEXES (MISSILE BONUS)

THREE AMM/SAM LAUNCH COMPLEXES IN THE INITIAL STAGE OF

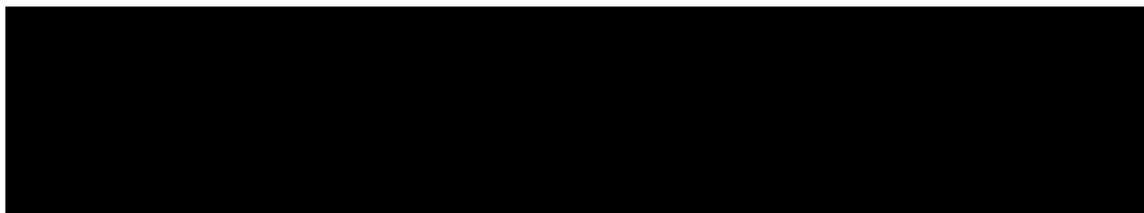
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CONSTRUCTION ARE NEWLY IDENTIFIED. ONE IS LOCATED 9.6 NM NNE OF NIZHNYAYA TURA AT 5846N 05954E, ONE IS LOCATED 5.4 NM ENE OF NIZHNYAYA SALDA AT 5806N 06053E, AND THE THIRD IS LOCATED 20 NM NE OF SVERDLOVSK AT 5704N 06101E.

25X2



8. SINGER POSSIBLE INSTRUMENTATION SITE (ELECTRONICS BONUS)

LOCATED APPROXIMATELY 10 NM NW OF SINGER, CHINA THIS SITE CONSISTS OF A PLUS-SHAPED PATTERN AND APPROXIMATELY FOUR SMALL BUILDINGS OR STRUCTURES WHICH ARE ENCLOSED BY A CIRCULAR GROUND SCAR.

STATUS OF COMOR TARGET READOUT

ONE HUNDRED THIRTY NINE COMOR TARGETS WERE OBSERVED DURING THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON MISSION 1028-1 AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 3 -- SAM AND AMM/SAM DEPLOYMENT
- TABLE 4 -- DATE/TIME OF PHOTOGRAPHIC PASSES

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25X1D

Table 1. Soviet ICBM Deployment MISSION (1028-1)

Complex	Launch Area																										Total Soft Sites	Total Hard Sites	Total Single Silos	Total Launch Positions	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z					
Aleyak	UHC	UHC	L	UHC	UHC	M	UHC	UHC	L	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	
Dombrovskiy	UHC	M	UHC	UHC	UHC	M	UHC	UHC	UHC	UHC	E	UHC	UHC	UHC	E	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	
Drovyanaya	UB	C	UHA	UD	UD	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Gladkaya	UD	C	UD	C	UHA	E	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Imeni Gastele	UHC	M	UHC	M	UHC	M	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	
Itarka	UB	C	UHA	UD	UD	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Kartaly	UHC	C	UHC	C	UHC	C	UHC	UHC	UHC	C	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	
Kostroma	UB	C	UHA	UD	UD	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Kozelsk	UHC	C	UHA	UD	UD	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Novosibirsk	UB	C	UHA	UD	UD	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Olovyanaya	UHA	C	UHA	C	UHA	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Orsk	UB	C	UHA	UD	UD	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Perm	UB	C	UHA	UD	UD	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Plenetsk*	HA	C	UHB	C	UHA	C	UHC	UHC	UHC	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Shadrinsk	UHA	C	UHA	C	UHA	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Svobodnyy	UB	C	UHB	UB	UB	C	UHB	UHB	UHB	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Tatishchevo	UHD	C	UHD	C	UHD	C	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Teykovo	UB	C	UHB	UB	UB	C	UHB	UHB	UHB	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Tyumen	UHC	C	UHC	C	UHC	C	UHC	UHC	UHC	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Uzbur	UHC	L	UHC	L	UHC	M	UHC	UHC	UHC	M	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	UHC	
Verkhnyaya Salda	UB	C	UHB	C	UHD	C	UHB	UHB	UHB	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Yedrovo	UB	C	UHB	C	UHD	C	UHB	UHB	UHB	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Yoshkar-Ola	UB	C	UHB	C	UHD	C	UHB	UHB	UHB	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Yurya	HA	C	UHA	C	UHB	C	UHA	UHA	UHA	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	
Zhangiz-Tobe	UHC	C	UHC	C	UHC	C	UHC	UHC	UHC	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Deployment Total																												77	240(17a)	214(17a)	442(17a)
Grand Total																												89	262(17a)	234(17a)	492(17a)
Tyuratam MTC																												12	22	20	50

*Includes Launch Points I-IV, complete, but does not include 2 SSM pads at Launch Area F

**Carried as Launch Group

†Possible

Construction Status (C-complete, L-late, M-mid, E-early, U-undetermined)

☐ Newly identified

☒ Dropped From Listings

☒ Covered by current mission

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Table 2. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	120	11	18	10	159	624
Caucasus	3		2	3	8	29
Central Asia	2	3	1	3	9	33
Far Eastern	10	1		1	12	47
Totals	135	15	21	17	188	733

Totals do not include 93 fixed field-type sites with total of 348 launch positions and one launch facility at Sovetskaya Gavan.

25X1C

Table 3. SAM and AMM/SAM Deployment

		Country																		Totals	
		USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Rumania	Yugoslavia	China	Mongolia	North Korea	Indonesia	Egypt	Cuba	India	North Vietnam				
SAM sites	SA-1	56																	56	Confirmed	
																				Probable	
																				Possible	
		1																	1	Training	
	SA-2	1038*	2	19	23	54	16	30	18	5	15	1	2	5	29	24**	13	63	1357*	Confirmed	
		5			1	1					1								8	Probable	
											2					1			3	Possible	
		31												1	3	2			37	Training ***	
	SA-3	111																	111	Confirmed	
																				Probable	
2							1											3	Possible		
7																		7	Training ***		
SA-2 SAM Support Facilities	193	1	4	6	4	3	6	2	1		1	1	4	6	3	1		236	Confirmed		
	1				2			1										4	Probable		
	1																	1	Possible		
SA-3 SAM Assembly Facilities	12																	12	Confirmed		
																			Probable		
																			Possible		
AMM/SAM Complexes	11																	11	Confirmed		
																			Probable		
																			Possible		

*Does not include alternate sites, USSR.

*** Total reflects individual sites

TOTALS AS OF MISSION (1028-1)

**Does not include 29 abandoned sites.

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Missiles

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MISSILES

25X1A

VERKHNYAYA SALDA ICBM COMPLEX

UR 5802N 06024E

NO UNREPORTED MISSILE ACTIVITY OBSERVED WITHIN
CLOUD-FREE 50-NM AREA.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA A (SITE 2) UR 5808N 06015E

NO SIGNIFICANT CHANGE. NO MISSILES OR MISSILE-RELATED
EQUIPMENT, NEW CONSTRUCTION, OR CHANGES IN FACILITIES
OBSERVED.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA B (SITE 1) UR 5806N 06021E

NO MISSILES OR MISSILE-RELATED EQUIPMENT, CHANGES IN
FACILITIES, OR CONSTRUCTION OBSERVED.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA C (SITE 3) UR 5810N 06027E

NO MISSILES OR MISSILE-RELATED EQUIPMENT, CHANGES IN
FACILITIES, OR CONSTRUCTION OBSERVED.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA D (SITE 4) UR 5812N 06034E

NO SIGNIFICANT CHANGE. NO MISSILES OR MISSILE-RELATED
EQUIPMENT, CHANGES IN FACILITIES, OR CONSTRUCTION
OBSERVED.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA E (SITE 5) UR 5813N 06054E

NO SIGNIFICANT CHANGE. NO MISSILES OR MISSILE-RELATED
EQUIPMENT, CHANGES IN FACILITIES, OR CONSTRUCTION

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OBSERVED.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA F (SITE 7) UR 5814N 06040E

NO MISSILES OR MISSILE-RELATED EQUIPMENT, CHANGES IN FACILITIES, OR CONSTRUCTION OBSERVED.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA G (SITE 8) UR 5813N 06049E

NO MISSILES OR MISSILE-RELATED EQUIPMENT, CHANGE IN FACILITIES, OR CONSTRUCTION OBSERVED.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA H (SITE 9) UR 5805N 06012E

NO SIGNIFICANT CHANGE. NO MISSILES OR MISSILE-RELATED EQUIPMENT, CHANGES IN FACILITIES, OR CONSTRUCTION OBSERVED.

25X1D

VERKHNYAYA SALDA ICBM LNCH AREA I (SITE 10) UR 5808N 06032E

NO SIGNIFICANT CHANGE. NO MISSILES OR MISSILE-RELATED EQUIPMENT, CHANGES IN FACILITIES, OR CONSTRUCTION OBSERVED.

25X1D

25X2

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25X1A

SVOBODNYI ICBM COMPLEX

UR 5146N 12806E

THE WEST HALF OF THE 50-NM SEARCH AREA IS COVERED BY
CLEAR PHOTOGRAPHY. NO NEW MISSILE OR
MISSILE-ASSOCIATED ACTIVITY OBSERVED.

25X1D

SVOBODNYI ICBM LAUNCH AREA A (SITE 3)

UR 5154N 12810E

A LONG LINEAR OBJECT IS IN FRONT OF THE LEFT READY
BUILDING, AND A VEHICLE IS OBSERVED IN THE LAUNCH AREA.
NO MISSILES OR NEW CONSTRUCTION NOTED.

25X1D

SVOBODNYI ICBM LAUNCH AREA B (SITE 1)

UR 5149N 12818E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR CHANGES IN FACILITIES OBSERVED.

25X1D

SVOBODNYI ICBM LAUNCH AREA D (SITE 4)

UR 5158N 12807E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, OR
SIGNIFICANT CHANGES, OBSERVED.

25X1D

SVOBODNYI ICBM LAUNCH AREA E (SITE 6)

UR 5143N 12759E

NO MISSILES, MISSILE-RELATED EQUIPMENT OR CHANGES IN
FACILITIES OBSERVED.

25X1D

SVOBODNYI ICBM LAUNCH AREA F (SITE 5)

UR 5151N 12813E

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED. NO
NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

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25X1D

SVOBODNYY ICBM LAUNCH AREA G (SITE 7) UR 5138N 12758E

ONE UNIDENTIFIED VEHICLE IS NEAR THE LEFT SILO. NO
OTHER MISSILES OR MISSILE-RELATED EQUIPMENT VISIBLE.
NO CHANGES IN EXISTING FACILITIES.

25X1

25X1D

SVOBODNYY ICBM LAUNCH AREA H (SITE 8) UR 5202N 12805E

NO MISSILES, RELATED EQUIPMENT, OR NEW CONSTRUCTION
OBSERVED.

25X1D

25X2

DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

NO NEW MISSILE FACILITIES OBSERVED IN 50-NM SEARCH
AREA.

25X1D

DROVYANAYA ICBM LAUNCH AREA A (SITE 1) UR 5125N 11300E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION,
CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED
FEATURES OBSERVED.

25X1D

DROVYANAYA ICBM LAUNCH AREA B (SITE 2) UR 5125N 11304E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION,
CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED

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FEATURES OBSERVED.

25X1D

25X1A

DROVYANAYA ICBM LAUNCH AREA C (SITE 4) UR 5127N 11303E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION,
CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED
FEATURES OBSERVED.

25X1D

DROVYANAYA ICBM LAUNCH AREA D (SITE 3) UR 5120N 11301E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION,
CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED
FEATURES OBSERVED.

25X1D

DROVYANAYA ICBM LAUNCH AREA E (SITE 5) UR 5122N 11250E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION,
CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED
FEATURES OBSERVED.

25X1D

DROVYANAYA ICBM LAUNCH AREA F (SITE 6) UR 5120N 11254E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION,
CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED
FEATURES OBSERVED.

25X1D

DROVYANAYA ICBM LAUNCH GROUP G UR 5134N 11304E

NO NEW MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION,
CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED
FEATURES OBSERVED. A COMBINATION OF CONDITIONS
OBSCURES MANY KNOWN FEATURES OF LAUNCH SITES G1 THROUGH
G10 (SITES 7-14,16,18).

TOP SECRET CHESS RUFF

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25X1D



25X1

DROVYANAYA ICBM LAUNCH GROUP H

UR 5122N 11302E

NO NEW MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. A COMBINATION OF CONDITIONS OBSCURES MANY KNOWN FEATURES OF LAUNCH SITES H1 THROUGH H10 (SITES 15,19-26,28).

25X1D



ITATKA ICBM COMPLEX

UR 5650N 08535E

NO NEW MISSILE ACTIVITY OBSERVED IN 50-NM SEARCH AREA.

25X1D



ITATKA ICBM LAUNCH AREA A (SITE 1)

UR 5658N 08531E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES, OR FEATURES PREVIOUSLY UNREPORTED OBSERVED.

25X1D



ITATKA ICBM LAUNCH AREA B (SITE 2)

UR 5700N 08539E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES, OR FEATURES PREVIOUSLY UNREPORTED OBSERVED.

25X1D



ITATKA ICBM LAUNCH AREA C (SITE 3)

UR 5654N 08539E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES OR FEATURES PREVIOUSLY UNREPORTED OBSERVED.

25X1D



TOP SECRET CHESS RUFF

TOP SECRET CHESSE RUM

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25X1A

SHADRINSK ICBM COMPLEX

UR 5608N 06340E

EASTERN THIRD OF 50-NM SEARCH AREA COVERED ON [REDACTED]
NO MISSILE FACILITIES OBSERVED IN AREA COVERED.

25X1D

WESTERN HALF OF 50-NM SEARCH AREA COVERED ON [REDACTED]
NO MISSILE FACILITIES OBSERVED IN AREA COVERED.

25X1D

25X1D

[REDACTED]

25X1A

OMSK ICBM COMPLEX

UR 5504N 07331E

NO NEW MISSILE FACILITIES OBSERVED WITHIN 50-NM SEARCH
AREA.

25X1D

[REDACTED]

OMSK ICBM LAUNCH AREA A (SITE 1)

UR 5509N 07337E

NO SIGNIFICANT CHANGES AT THE LAUNCH SITE [REDACTED]
NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

SEVERAL BUILDINGS HAVE BEEN REMOVED FROM THE HOUSING
AREA

25X1D

[REDACTED]

25X1A

PERM ICBM COMPLEX

UR 5742N 05619E

25X1A

THREE NEW TYPE IIID SITES ARE IDENTIFIED IN LAUNCH
GROUP G [REDACTED] NO OTHER NEW MISSILE ACTIVITY
OBSERVED WITHIN 50-NM SEARCH AREA.

25X1D

[REDACTED]

PERM ICBM LAUNCH AREA A (SITE 1)

UR 5741N 05612E

NO MISSILES, MISSILE-RELATED EQUIPMENT OR SIGNIFICANT
CHANGES OBSERVED.

25X1D

[REDACTED]

TOP SECRET CHESSE RUM

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25X1A

PERM ICBM LAUNCH AREA B (SITE 2)

UR 5743N 05555E

NO MISSILES, MISSILE-RELATED EQUIPMENT OR SIGNIFICANT
CHANGES OBSERVED.

25X1D

PERM ICBM LAUNCH AREA C (SITE 3)

UR 5737N 05607E

NO MISSILES, MISSILE-RELATED EQUIPMENT OR SIGNIFICANT
CHANGES OBSERVED.

25X1D

PERM ICBM LAUNCH AREA D (SITE 6)

UR 5744N 05600E

NO MISSILES, MISSILE-RELATED EQUIPMENT OR SIGNIFICANT
CHANGES OBSERVED.

25X1D

PERM ICBM LAUNCH AREA E (SITE 5)

UR 5741N 05547E

NO MISSILES, MISSILE-RELATED EQUIPMENT OR SIGNIFICANT
CHANGES OBSERVED.

25X1D

PERM ICBM LAUNCH AREA F (SITE 4)

UR 5741N 05604E

NO MISSILES, MISSILE-RELATED EQUIPMENT OR SIGNIFICANT
CHANGES OBSERVED.

25X1D

PERM ICBM LAUNCH GROUP G

UR 5742N 05600E

THREE NEW IIID SITES ARE IDENTIFIED IN LAUNCH GROUP G.
SITE G15 IS LOCATED 3.2 NM ESE OF THE COMPLEX SUPPORT
FACILITY AT 57-40N 56-24E AND IS IN THE MID-STAGE OF
CONSTRUCTION. PROBABLE SITE G16 IS LOCATED 16.9 NM WSW
OF COMPLEX SUPPORT FACILITY AT 57-38N 55-48E AND IS IN
THE EARLY-STAGE OF CONSTRUCTION. PROBABLE SITE G17 IS
LOCATED 21.8 NM WNW OF THE COMPLEX SUPPORT FACILITY AT

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57-43N 55-38E AND IS IN THE MID-STAGE OF CONSTRUCTION. POSSIBLE SITE G6 (SITE 14) IS NOT CONSIDERED TO BE A SITE AND HAS BEEN DROPPED. LAUNCH SITES G1 (SITE 15), G2 (SITE 7), G3 (SITE 8), G4 (SITE 10), G5 (SITE 11), G7 (SITE 13), G8 (SITE 12), G11 (SITE 17) HAVE ADVANCED TO THE LATE STAGE OF CONSTRUCTION. POSSIBLE SITE G10 (SITE 16) CAN NOW BE CONFIRMED AND IS IN A MID-STAGE OF CONSTRUCTION. PROBABLE SITE G9 REMAINS PROBABLE AS NO DETAILS ARE DISCERNIBLE. PROBABLE SITE G12 (18) AND POSSIBLE G14 (20) CAN BE IDENTIFIED ONLY. SHADOW OBSCURES PROBABLE SITE G13 (19)

25X1D

PERM ICBM COMPLEX SUPPORT FACILITY

UR 5742N 05619E

THREE LARGE BUILDINGS HAVE BEEN ADDED ON THE SOUTH SIDE OF THE RAIL LINE BETWEEN THE COMPLEX SUPPORT FACILITY AND TRANSFER POINT. APPROXIMATELY 14 BUILDINGS HAVE BEEN ADDED TO THE RAIL-TO-ROAD TRANSFER POINT.

25X1D

PERM ICBM SUSPECT LAUNCH AREA

UR 5745N 05605E

NO MISSILE-RELATED ACTIVITY OBSERVED AT THESE COORDINATES.

25X1D

GLADKAYA ICBM COMPLEX

UR 5606N 09214E

WESTERN 50 PERCENT OF THE SEARCH AREA IS COVERED. NO NEW MISSILE OR MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

GLADKAYA ICBM LAUNCH GROUP F

UR 5614N 09215E

LAUNCH SITE F10 (SITE 20) CAN BE IDENTIFIED ONLY.

OTHER SITES IN THE GROUP ARE NOT COVERED.

25X1D

TOP SECRET CHESS RUFF

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25X1A

GLADKAYA ICBM LAUNCH GROUP G

UR - 5614N 09145E

LAUNCH SITES G1 (SITE 16), POSSIBLE G2 (SITE 17), G3 (SITE 18), G4 (SITE 21), G5 (SITE 23), POSSIBLE G6 (SITE 24), AND POSSIBLE G7 CAN BE IDENTIFIED ONLY.

25X1D

UZHUR ICBM COMPLEX

UR - 5517N 08949E

NO NEW MISSILE FACILITIES IDENTIFIED IN CLOUD-FREE PORTIONS OF 50-NM SEARCH AREA. UNIDENTIFIED TRACK ACTIVITY IS OBSERVED IN THE SNOW APPROXIMATELY 19 NM SW OF THE COMPLEX SUPPORT FACILITY.

25X1D

UZHUR ICBM LAUNCH AREA E (SITE 5)

UR - 5513N 08933E

IDENTIFICATION ONLY.

25X1D

UZHUR ICBM LAUNCH AREA K (SITE 11)

UR - 5515N 08910E

IDENTIFICATION ONLY.

25X1D

UZHUR ICBM LAUNCH AREA L (SITE 12)

UR - 5507N 08937E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION. TRACK ACTIVITY IN THE SNOW INDICATES CONSTRUCTION IS IN PROGRESS. THERE ARE AT LEAST EIGHT BUILDINGS IN THE ASSOCIATED SUPPORT FACILITY. NO MISSILES, MISSILE-RELATED EQUIPMENT, OR NUCLEAR STORAGE AREA OBSERVED.

25X1D

UZHUR ICBM LAUNCH AREA M (SITE 13)

UR - 5512N 08941E

IDENTIFICATION ONLY.

TOP SECRET CHESS RUFF

TOP SECRET CRESS RUFF

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25X1D

[REDACTED]

25X1A

UZHUR ICBM LAUNCH AREA O (SITE 15)

UR 5505N 08948E

THERE ARE AT LEAST 4 BUILDINGS IN THE ASSOCIATED
SUPPORT FACILITY. CONSTRUCTION STATUS CANNOT BE
DETERMINED DUE TO LACK OF VISIBLE DETAIL IN THE
EXCAVATION.

25X1D

[REDACTED]

UZHUR ICBM LAUNCH AREA P (SITE 16)

UR 5501N 08933E

THERE ARE AT LEAST THREE BUILDINGS IN THE ASSOCIATED
SUPPORT FACILITY. CONSTRUCTION STATUS CANNOT BE
DETERMINED DUE TO LACK OF VISIBLE DETAIL IN THE
EXCAVATION.

25X1D

[REDACTED]

UZHUR ICBM LAUNCH AREA Q (SITE 17)

UR 5502N 08943E

NO SIGNIFICANT CHANGE. CONSTRUCTION STATUS CANNOT BE
DETERMINED DUE TO LACK OF VISIBLE DETAIL IN THE
EXCAVATION. NO MISSILES OR MISSILE-RELATED EQUIPMENT
OBSERVED.

25X1D

[REDACTED]

UZHUR ICBM LAUNCH AREA R (SITE 18)

UR 5457N 08940E

THERE ARE AT LEAST FOUR BUILDINGS IN THE ASSOCIATED
SUPPORT FACILITY. TRACK ACTIVITY IN THE SNOW INDICATES
CONSTRUCTION IS IN PROGRESS, BUT STAGE OF CONSTRUCTION
CANNOT BE DETERMINED DUE TO LACK OF VISIBLE DETAIL IN
THE EXCAVATION. NO MISSILES OR MISSILE-RELATED
EQUIPMENT OBSERVED.

25X1D

[REDACTED]

UZHUR ICBM LAUNCH AREA S (SITE 19)

UR 5517N 08944E

IDENTIFICATION ONLY.

TOP SECRET CRESS RUFF

TOP SECRET CHESSE RUFF

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25X1D

[REDACTED]

25X1A

NOVOSIBIRSK ICBM COMPLEX

UR 5515N 08259E

NO NEW MISSILE ACTIVITY OBSERVED IN THE EASTERN 60 PERCENT OF SEARCH AREA. WESTERN 40 PERCENT OF SEARCH AREA IS NOT COVERED.

25X1D

[REDACTED]

NOVOSIBIRSK ICBM LAUNCH AREA A (SITE 2)

UR 5519N 08309E

POSSIBLE VEHICLE EXTENDS FROM OPENING OF RIGHT READY BUILDING. NO OTHER MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES OR NEW FEATURES OBSERVED. SNOW HAS BEEN CLEARED FROM LAUNCH PADS.

25X1D

[REDACTED]

NOVOSIBIRSK ICBM LAUNCH AREA B (SITE 1)

UR 5518N 08301E

POSSIBLE VEHICLE OBSERVED

25X9

NEW CONSTRUCTION, CHANGES OR NEW FEATURES OBSERVED. SILO DOORS HAVE BEEN CLEARED OF SNOW.

NO MISSILES,

25X9

25X1D

[REDACTED]

NOVOSIBIRSK ICBM LAUNCH AREA C (SITE 3)

UR 5523N 08254E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES OR NEW FEATURES OBSERVED. SNOW HAS BEEN CLEARED FROM 2 OF THE SILO DOORS.

25X1D

[REDACTED]

NOVOSIBIRSK ICBM LAUNCH AREA D (SITE 4)

UR 5521N 08313E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES OR NEW FEATURES OBSERVED. SNOW HAS BEEN CLEARED FROM THE LAUNCH PADS.

25X1D

[REDACTED]

TOP SECRET CHESSE RUFF

TOP SECRET CHESS RUFF

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25X1A

NOVOSIBIRSK ICBM LAUNCH AREA E (SITE 5) UR 5519N 08256E

NO MISSILES, RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES OR NEW FEATURES OBSERVED. SNOW HAS BEEN CLEARED FROM THE LAUNCH PADS.

25X1D

ZHANGIZ-TOBE ICBM COMPLEX

UR 4912N 08109E

NO NEW MISSILE OR MISSILE-ASSOCIATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

25X1D

ZHANGIZ-TOBE ICBM LAUNCH AREA A (SITE 1) UR 4911N 08059E

SITE IS NOW IN A LATE STAGE OF CONSTRUCTION. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED. NO CHANGE IN FACILITIES OR FEATURES NOT PREVIOUSLY REPORTED.

25X1D

ZHANGIZ-TOBE ICBM LAUNCH AREA B (SITE 2) UR 4917N 08058E

SITE IS NOW IN A LATE STAGE OF CONSTRUCTION. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT VISIBLE. NO CHANGE IN FACILITIES.

25X1D

ZHANGIZ-TOBE ICBM LAUNCH AREA C (SITE 4) UR 4910N 08105E

SITE IS NOW IN A LATE STAGE OF CONSTRUCTION. NO CHANGE IN FACILITIES OR FEATURES NOT PREVIOUSLY REPORTED. NO MISSILE OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

ZHANGIZ-TOBE ICBM LAUNCH AREA D (SITE 5) UR 4906N 08103E

SITE REMAINS IN A MID-STAGE OF CONSTRUCTION. THE SILO LINER PREVIOUSLY REPORTED ON THE RECTANGULAR MOUND IS

TOP SECRET CHESS RUFF

TOP SECRET CHES RUFF

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NOT VISIBLE. NO CHANGES IN FACILITIES OR FEATURES NOT PREVIOUSLY REPORTED. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

[REDACTED]

25X1A

ZHANGIZ-TOBE ICBM LAUNCH AREA E (SITE 3) UR 4912N 08053E

SITE REMAINS IN A MID-STAGE OF CONSTRUCTION. SILO LINER IS STILL PRESENT ON THE RECTANGULAR EARTH MOUND ON THE NW SIDE OF THE EXCAVATION. NO MISSILE OR MISSILE-RELATED EQUIPMENT OBSERVED. NO CHANGE IN EXISTING FACILITIES.

25X1D

[REDACTED]

ZHANGIZ-TOBE ICBM LAUNCH AREA F (SITE 6) UR 4907N 08057E

SITE REMAINS IN A MID-STAGE OF CONSTRUCTION. THE SILO LINER REMAINS ON THE RECTANGULAR MOUND. NO MISSILE OR MISSILE-RELATED EQUIPMENT OBSERVED. NO CHANGES IN FACILITIES OR FEATURES NOT PREVIOUSLY REPORTED.

25X1D

[REDACTED]

ZHANGIZ-TOBE ICBM LAUNCH AREA G (SITE 7) UR 4919N 08050E

SITE REMAINS IN A MID-STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES. NO NUCLEAR STORAGE PRESENT. NO MISSILE OR MISSILE EQUIPMENT OBSERVED.

25X1D

[REDACTED]

ZHANGIZ-TOBE ICBM LAUNCH AREA I (SITE 9) UR 4925N 08049E

SITE REMAINS IN A MID-STAGE OF CONSTRUCTION. NO MISSILE OR MISSILE-RELATED EQUIPMENT VISIBLE. CONSTRUCTION CONTINUES.

25X1D

[REDACTED]

TOP SECRET CHES RUFF

TOP SECRET CHESS RUFF

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25X1A

ZHANGIZ-TOBE ICBM LAUNCH AREA J (SITE 10) UR 4921N 08058E

SITE IS IN AN UNDETERMINED STAGE OF CONSTRUCTION. A NEW SQUARE EXCAVATION IS PRESENT APPROXIMATELY 200 FT SE OF THE SILO EXCAVATION. THIS IS IN THE PROPER POSITION TO BE A FUTURE L-SHAPED ELECTRONIC FACILITY. THERE IS ROOM FOR SUCH A FACILITY INSIDE THE FENCE. NO MISSILE OR MISSILE-ASSOCIATED EQUIPMENT IS VISIBLE.

25X1D

DOMBAROVSKIY ICBM COMPLEX

UR 5100N 05954E

APPROXIMATELY 90 PERCENT OF THE 50-NM SEARCH AREA IS CLOUD COVERED OR NOT COVERED. NO NEW MISSILE-RELATED FACILITIES OBSERVED IN THE CLOUD-FREE PORTION.

25X1D

KARTALY ICBM COMPLEX

UR 5302N 06035E

TWO NEW AREAS OF CONSTRUCTION, NOT PRESENT ON THE LAST COVERAGE, ARE NEWLY IDENTIFIED. THEY ARE DESIGNATED PROBABLE LAUNCH AREA N (53-00N 060-49E) AND POSSIBLE LAUNCH AREA O (52-53N 060-40E) AND ARE LOCATED 9.5 NM ESE AND 6 NM SE OF THE COMPLEX SUPPORT FACILITY. BOTH ARE IN THE EARLY STAGE OF CONSTRUCTION.

PROBABLE LAUNCH AREA N CONSISTS OF A PENTAGONAL FENCED AREA OF SUFFICIENT SIZE TO ACCOMMODATE A TYPICAL L-SHAPED ELECTRONIC FACILITY. THE ACTIVITY WITHIN THE FENCE IS PROBABLY AN EXCAVATION FOR A CONTROL BUILDING. A NEARBY DITCH LEADS TOWARD THE COMPLEX SUPPORT FACILITY AND ALSO LAUNCH AREA A.

POSSIBLE LAUNCH AREA O CONSISTS OF GROUND SCARRING OR SCRAPING IN THE SNOW COVER. TRACK ACTIVITY LEADS TOWARD THE COMPLEX SUPPORT FACILITY AND TO PROBABLE LAUNCH AREA N.

THE WESTERN HALF OF THE 50-NM SEARCH AREA IS NOT COVERED. NO OTHER MISSILE-RELATED ACTIVITY OBSERVED IN THE EASTERN PORTION OF THE SEARCH AREA.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS --
PROBABLE LAUNCH AREA N -

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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POSSIBLE LAUNCH AREA D - [REDACTED]

25X1D

25X1D

25X1A

KARTALY ICBM LAUNCH AREA A (SITE 1) UR 5301N 06026E

THE SILO IS NOW PROBABLY BACKFILLED AND IN THE LATE STAGE OF CONSTRUCTION. THE LEGS OF THE L-SHAPED ELECTRONIC FACILITY APPEAR TO REMAIN AS OPEN DITCHING. NO MISSILE-RELATED EQUIPMENT OBSERVED ON SMALL SCALE, OBLIQUE PHOTOGRAPHY.

25X1D

KARTALY ICBM LAUNCH AREA B (SITE 2) UR 5256N 06031E

THE SILO IS NOW PROBABLY BACKFILLED AND IN A LATE STAGE OF CONSTRUCTION. NO MISSILE-RELATED EQUIPMENT OBSERVED ON SMALL SCALE, OBLIQUE PHOTOGRAPHY.

25X1D

KARTALY ICBM LAUNCH AREA C (SITE 3) UR 5255N 06024E

IDENTIFICATION ONLY.

25X1D

KARTALY ICBM LAUNCH AREA D (SITE 4) UR 5251N 06027E

IDENTIFICATION ONLY.

25X1D

KARTALY ICBM LAUNCH AREA E (SITE 5) UR 5300N 06016E

IDENTIFICATION ONLY.

25X1D

Handle Via
TALENT-KEYHOLE
Control System Only

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25X1A

KARTALY ICBM LAUNCH AREA F (SITE 6) UR 5304N 06018E
IDENTIFICATION ONLY.

25X1D

KARTALY ICBM LAUNCH AREA G (SITE 7) UR 5308N 06041E
IDENTIFICATION ONLY.

25X1D

KARTALY ICBM LAUNCH AREA H (SITE 8) UR 5307N 06032E

A NEWLY IDENTIFIED BUILDING WITHIN AN EXCAVATION, PROBABLY A CONTROL FACILITY, IS UNDER CONSTRUCTION IN THE WOODED AREA TO THE SE OF THE LAUNCH SILO. A SITE SUPPORT FACILITY CONTAINING AT LEAST 5 BUILDINGS IS LOCATED SW OF THE LAUNCH SILO. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

KARTALY ICBM LAUNCH AREA I (SITE 10) UR 5309N 06024E

SMALL SCALE, OBLIQUE PHOTOGRAPHY INDICATES THAT THE SILO REMAINS IN A MID-STAGE OF CONSTRUCTION. NO MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

KARTALY ICBM PROB LAUNCH AREA J (SITE 12) UR 5313N 06039E

IDENTIFICATION ONLY.

25X1D

TOP SECRET CHSS RUFF

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25X1A

KARTALY ICBM LAUNCH AREA K (SITE 11)

UR 5312N 06032E

IDENTIFICATION ONLY.

25X1D

KARTALY ICBM POSS LAUNCH AREA L

UR 5312N 06011E

IDENTIFICATION ONLY.

25X1D

SHUANG-CHENG-TZU MISSILE TEST CENTER

CH 4107N 10020E

THE 50-NM SEARCH AREA IS COMPLETELY COVERED BY CLEAR PHOTOGRAPHY WITH PARTIAL GROUND SNOW COVER EXCEPT FOR A SMALL SECTION IN THE WESTERN PORTION. NO NEW MISSILE ACTIVITY OBSERVED.

25X1D

SHUANG-CHENG-TZU LAUNCH COMPLEX A (SITE 1) CH 4114N 10017E

SEVERAL PIECES OF EQUIPMENT, INCLUDING A PROBABLE MISSILE TRANSPORTER, ARE ON PAD A-1 ON NO ACTIVITY OBSERVED ON THE PAD ON A TURNING WYE IS UNDER CONSTRUCTION ON THE WEST SIDE OF THE RAIL LINE AT A POINT SOUTH OF THE ACCESS ROAD TO LAUNCH COMPLEX A. NO OTHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

(SEE ATTACHMENT)

25X1D

25X1D

SHUANG-CHENG-TZU LAUNCH CPLX B (SITE 2)

CH 4115N 10018E

PREVIOUSLY REPORTED RAIL LINE UNDER CONSTRUCTION TO THE SSM LAUNCH FACILITIES HAS NOT BEEN EXTENDED BEYOND THE

TOP SECRET CHSS RUFF

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POINT REPORTED ON [REDACTED] HOWEVER, 2
RAIL SPURS HAVE BEEN EXTENDED FROM THE RAIL LINE TO
LAUNCH COMPLEX B AND GENERALLY PARALLEL THE ACCESS
ROAD. ONE ON THE NORTH SIDE OF THE ACCESS ROAD APPEARS
TO BE COMPLETE, AND ONE ON THE SOUTH SIDE OF THE ACCESS
ROAD IS STILL UNDER CONSTRUCTION.

25X1

AT THE END OF THE NORTH SPUR IS A PROBABLE LAUNCH
POSITION UNDER CONSTRUCTION. THE SOUTH SPUR TERMINATES
AT THE ABANDONED EXCAVATIONS WHERE A SECOND LAUNCH
POSITION WILL POSSIBLY BE CONSTRUCTED.

NO OTHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, OR CHANGES IN FACILITIES OBSERVED.

(SEE ATTACHMENT)

25X1D



25X1

SHUANG-CHENG-TZU LAUNCH COMPLEX C (SITE 3) CH 4118N 10017E

SIX NEW STRUCTURES HAVE BEEN ADDED JUST INSIDE THE
EASTERN FENCE LINE SINCE [REDACTED] NO
MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



25X1D

SHUANG-CHENG-TZU RR CONSTRUCTION CAMP CH 4031N 10057E

CONSTRUCTION CAMP HAS BEEN ABANDONED.

25X1D



SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX CH 4104N 10030E

A NEW SAM INSTRUMENTATION SITE (7) IS IDENTIFIED
APPROXIMATELY 9 NM SE OF SAM INSTRUMENTATION SITE 5.
THIS SITE, NOT PRESENT ON [REDACTED]
COMPLETES THE EXTENSION OF THE SAM INSTRUMENTATION
RANGE FIRST OBSERVED IN [REDACTED] THIS SITE EXTENDS THE
INSTRUMENTATION PATTERN APPROXIMATELY 20 NM FROM THE
LAUNCH SITES. THE NEW SITE CONSISTS OF THREE SMALL

25X1D

25X1D

PROBABLE STRUCTURES.

THE CENTRAL GUIDANCE AREA AND AT LEAST TWO LAUNCH POSITIONS ARE OCCUPIED AT SAM LAUNCH SITE A.

FIVE VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN THE HOLD REVETMENT AND AN UNIDENTIFIED PIECE OF EQUIPMENT IS POSITIONED IN THE CENTRAL GUIDANCE AREA AT LAUNCH SITE B.

AN ADDITIONAL BUILDING IS UNDER CONSTRUCTION NEAR THE MOTOR POOL IN THE HOUSING SUPPORT AREA.

25X1D



25X1A

SHUANG-CHENG-TZU AIRDROP MARKER

CH 4042N 10031E

NO NEW CONSTRUCTION, CHANGES, OR FEATURES NOT PREVIOUSLY REPORTED. NO EVIDENCE OF RECENT TESTING OR PREPARATION FOR TESTING.

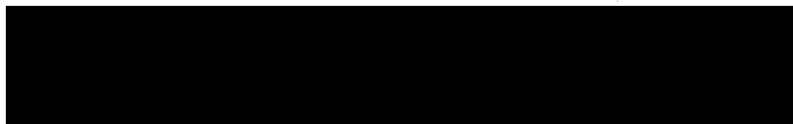
25X1D



SHUANG-CHENG-TZU SSM-SAM ASSM & CHECK CPLX CH 4106N 10016E

RAIL CARS ARE ON THE TRACK ADJACENT TO THE LARGE CHECKOUT BUILDING. THE POSITIONS OF THE RAIL CARS CHANGED BETWEEN PASSES. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



ANTIPINSKOYE SAM ACTIVITY

UR 5254N 11332E

THE CENTER LAUNCH AREA IS OCCUPIED BY UNIDENTIFIED EQUIPMENT. THE OTHER LAUNCH AREAS APPEAR UNOCCUPIED. NO NEW CONSTRUCTION ACTIVITY, ELECTRONIC FACILITIES, MISSILES, OR ADDITIONAL MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



TOP SECRET CHESSE RUFF

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25X1

HAI-NAN TAO SSM AREA 1

CH 1825N 10957E

NO MISSILE-RELATED ACTIVITY IDENTIFIED WITHIN 10-NM OF
ABOVE COORDINATES.

25X1D

25X1B

LAO CAI SAM SEARCH

VN 2229N 10359E

THE WESTERN HALF OF THE SEARCH AREA IS CLEAR WITH
SCATTERED CLOUDS. THE EASTERN HALF IS CLOUD COVERED.

NO SAM ACTIVITY OBSERVED IN CLOUD-FREE AREA.

25X1D

TOP SECRET CHESSE RUFF

TOP SECRET CHESS RUFF

TCS-80002/66

MISSION 1028-1 25-29 DEC 65

25X1A

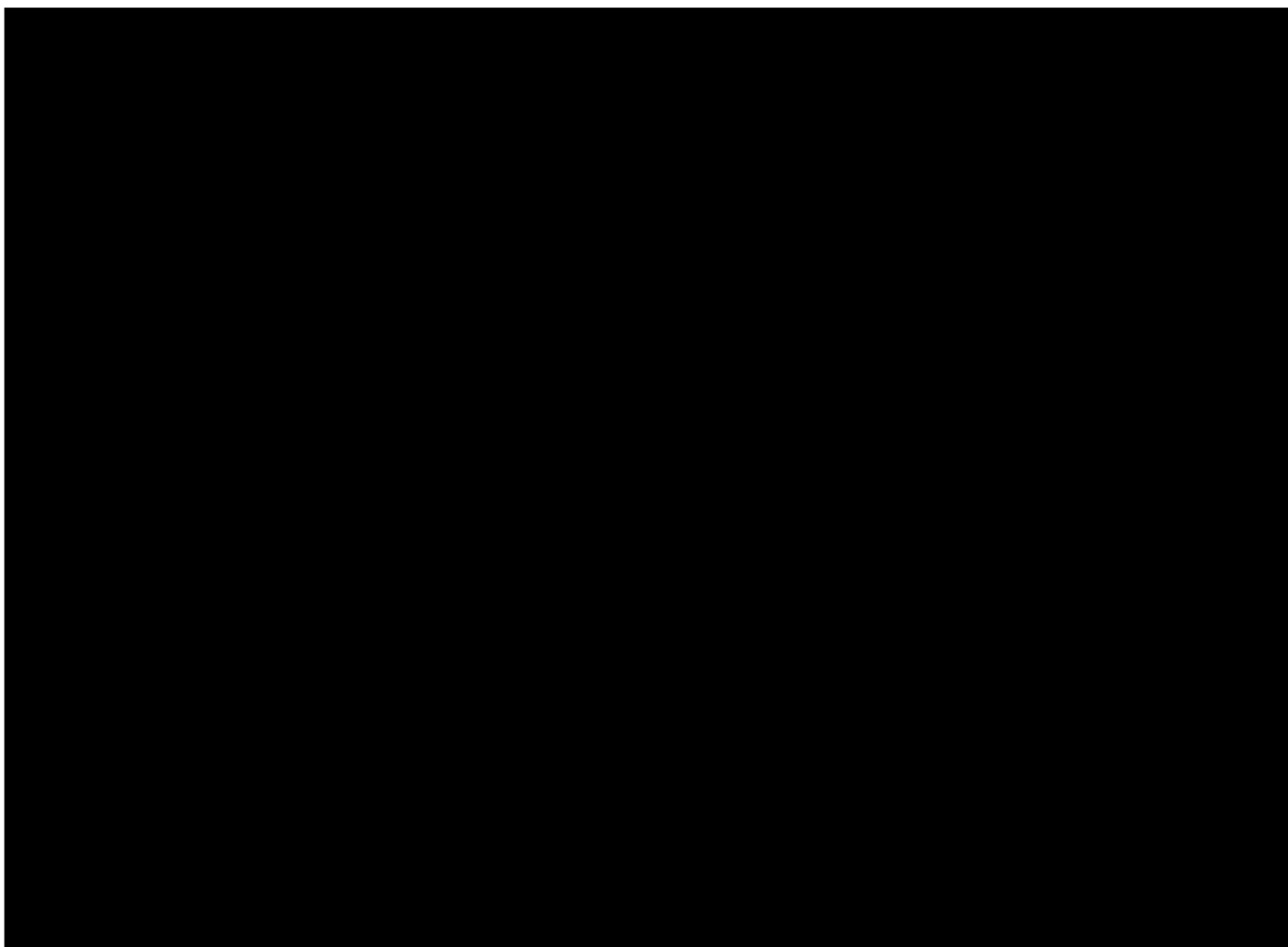
DIEN BIEN PHU SAM SEARCH

VN 2123N 10301E

ONLY EASTERN HALF OF SEARCH AREA IS COVERED WITH
APPROXIMATELY 15 PERCENT CLOUD COVER. NO SAM ACTIVITY
OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1



BRATSK SUSPECT ABM AREA

UR 5654N 10030E

NO AMM LAUNCH OR ELECTRONIC FACILITIES OBSERVED WITHIN
50-NM OF REFERENCED COORDINATES.

25X1A

25X1D

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

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~~TOP SECRET CHESSE RUFF~~

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NIZHNYAYA SALDA AMM/SAM LAUNCH COMPLEX UR 5806N 06053E BONUS 1

COMPLEX IS LOCATED 5.4 NM ENE OF NIZHNYAYA SALDA.

THIS AMM/SAM LAUNCH COMPLEX IS SIMILAR TO THE RECENTLY
CONSTRUCTED SARY-SHAGAN AMM/SAM LAUNCH AREA 1. IT
CONSISTS OF 3 LAUNCH SITES AND AN ELECTRONIC SITE IN
INITIAL STAGE OF CONSTRUCTION AND A SUPPORT AREA.

THE DISTANCE BETWEEN THE CENTRAL GUIDANCE/CONTROL
POSITIONS OF LAUNCH SITES A AND B IS 1,370 FEET AND THE
DISTANCE BETWEEN THE CENTRAL GUIDANCE/CONTROL POSITIONS
OF LAUNCH SITES B AND C IS 1,260 FEET.

THE AZIMUTH OF A PERPENDICULAR BISECTOR OF A LINE DRAWN
BETWEEN THE CENTRAL GUIDANCE/CONTROL POSITIONS OF
LAUNCH SITES A AND C IS 0 DEGREES (PLUS OR MINUS 5
DEGREES).

POSITIONS ARE BEING CLEARED FOR THE ELECTRONIC SITE IN
A WOODED AREA ESE OF THE LAUNCH SITES.

APPROXIMATELY 15 BUILDINGS ARE LOCATED IN A SUPPORT
AREA JUST WEST OF THE LAUNCH SITES.

THIS COMPLEX WAS NOT PRESENT ON
ACTIVITY WAS FIRST OBSERVED ON

25X10

(SEE ATTACHMENT)

25X10

SVERDLOVSK AMM/SAM LAUNCH COMPLEX UR 5704N 06101E BONUS 2

COMPLEX IS LOCATED 20 NM NE OF SVERDLOVSK.

THIS AMM/SAM LAUNCH COMPLEX IS SIMILAR TO THE RECENTLY
CONSTRUCTED SARY-SHAGAN AMM/SAM LAUNCH AREA 1. THREE
LAUNCH SITES AND AN ELECTRONIC SITE IN INITIAL STAGE OF
CONSTRUCTION AND A SUPPORT AREA COMPRISE THE COMPLEX.

THE DISTANCE BETWEEN THE CENTRAL GUIDANCE/CONTROL
POSITIONS OF LAUNCH SITES A AND B IS 1,390 FT. THE
DISTANCE BETWEEN THE CENTRAL GUIDANCE/CONTROL POSITIONS
OF LAUNCH SITES B AND C IS 1,380 FT.

THE AZIMUTH OF A PERPENDICULAR BISECTOR OF A LINE DRAWN
BETWEEN THE CENTRAL GUIDANCE/CONTROL POSITIONS OF

TOP SECRET CHESS RUFF

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LAUNCH SITES A AND C IS 325 DEGREES (PLUS OR MINUS 5 DEGREES).

CLEARINGS ARE OBSERVED FOR 2 RADAR POSITIONS AND THE PROBABLE CENTRAL CONTROL POSITION IN THE ELECTRONIC SITE 3,860 FEET SSE OF LAUNCH SITE B.

LOCATED NW OF THE LAUNCH SITES IS A SUPPORT AREA CONSISTING OF APPROXIMATELY 15 BUILDINGS.

THIS COMPLEX WAS NOT PRESENT ON [REDACTED]
ACTIVITY WAS FIRST OBSERVED ON [REDACTED]

25X1

(SEE ATTACHMENT)

25X1D

NIZHNYAYA TURA AMM/SAM LAUNCH COMPLEX

UR 5846N 05954E

BONUS 3

COMPLEX IS LOCATED 9.6 NM NNE OF NIZHNYAYA TURA.

THIS AMM/SAM LAUNCH COMPLEX IS SIMILAR TO THE RECENTLY CONSTRUCTED SARY-SHAGAN AMM/SAM LAUNCH AREA 1. IT CONSISTS OF 3 LAUNCH SITES AND AN ELECTRONIC SITE IN INITIAL STAGE OF CONSTRUCTION AND 2 SUPPORT AREAS.

THE DISTANCE BETWEEN THE CENTRAL GUIDANCE/CONTROL POSITIONS OF LAUNCH SITES A AND B IS 1,390 FT. THE DISTANCE BETWEEN THE CENTRAL GUIDANCE/CONTROL POSITIONS OF LAUNCH SITES B AND C IS 1,300 FT.

THE AZIMUTH OF A PERPENDICULAR BISECTOR OF A LINE DRAWN BETWEEN THE CENTRAL GUIDANCE/CONTROL POSITIONS OF LAUNCH SITES A AND C IS [REDACTED] DEGREES (PLUS OR MINUS 5 DEGREES).

25X1D

THE ELECTRONIC SITE, SITUATED APPROXIMATELY 3,740 FT NE OF LAUNCH SITE B, CONSISTS OF CLEARINGS FOR 3 RADAR POSITIONS AND A PROBABLE CENTRAL CONTROL POSITION.

APPROXIMATELY 15 BUILDINGS ARE LOCATED IN A SUPPORT AREA WEST OF THE LAUNCH SITES AND 5 BUILDINGS ARE LOCATED JUST SOUTH OF LAUNCH SITE B.

THIS COMPLEX WAS NOT PRESENT [REDACTED]
ACTIVITY IS FIRST OBSERVED ON [REDACTED]

25X1D

TOP SECRET CHESS RUFF

25X1D

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**Air
Facilities**

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AIR FACILITIES

25X1

UKRAINA AIRFIELD

UR 5110N 12826E

RUNWAY IS CLEARED OF SNOW. NO NEW CONSTRUCTION,
CHANGES IN FACILITIES OR ASM STORAGE OBSERVED.

OB -- 30 PROBABLE BEAR/BISON AND 15 POSSIBLE
BEAR/BISON.

25X1D

25X2

BELAYA AIRFIELD

UR 5254N 10335E

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

OB -- 56 MEDIUM SWEPT-WING.

25X1D

25X1D

OMSK AIRCRAFT PLANT 166

UR 5458N 07326E

NO SIGNIFICANT CHANGE IN FACILITIES. NO AIRCRAFT
OBSERVED IN PLANT AREA.

25X1D

HSI-NING AIRFIELD

CH 3633N 10159E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES. NO RADAR
OBSERVED.

5X1D

OB -- -- 1 POSSIBLE COLT.

25X1D

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25X1

LING-SHUI AIRFIELD

CH 1830N 10959E

NO NEW CONSTRUCTION OR CHANGE IN FACILITIES.

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

MENG-TZU AIRFIELD WEST

CH 2324N 10319E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

OB -- 1 PROBABLE COOT, 38 SMALL SWEPT-WING, AND 1 SMALL STRAIGHT-WING.

25X1D

SHUANG-CHENG-TZU AIRFIELD

CH 4021N 09947E

THE ROOF APPEARS TO HAVE BEEN EMPLACED ON THE LARGE HANGAR-TYPE BUILDING FIRST REPORTED UNDER CONSTRUCTION. A NEW HARDSTAND IS BEING CONSTRUCTED ACROSS THE TAXIWAY FROM THIS NEW BUILDING.

25X1D

NO AIRCRAFT OBSERVED.

25X1D

WU-KUNG AIRFIELD

CH 3417N 10815E

NO APPARENT CHANGE IN FACILITIES.

OB -- 13 BULL, 1 PROBABLE BEAGLE, 1 COOT, AND 2 SMALL STRAIGHT-WING.

25X1D

HSI-AN AIRCRAFT ENGINE PLANT WU-KUNG

CH 3417N 10815E

PRODUCTION STATUS CANNOT BE DETERMINED. NO APPARENT CHANGE IN FACILITIES.

AIRCRAFT ARE REPORTED UNDER COMOR

25X1A

TOP SECRET CHSS RUFF

TCS-80002/66

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25X1D

KA-ERH-MU AIRFIELD

CH 3645N 09533E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

NO AIRCRAFT OBSERVED.

25X1D

WU-WEI AIRFIELD

CH 3759N 10234E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES.

OB -- 1 LIGHT STRAIGHT-WING AND 41 SMALL AIRCRAFT.

25X1D

PING-YUAN-CHIEH AIRFIELD

CH 2342N 10350E

6 NM SE OF PING-YUAN-CHIEH.

8,140 X 135 FT WNW/ESE CONCRETE RUNWAY, SERVICEABLE.

FACILITIES INCLUDE A PARALLEL CONCRETE TAXIWAY, 2
END-CONNECTING LINKS, 2 CROSSOVER LINKS, 3 CONCRETE
PARKING APRONS, AND 2 ALERT APRONS. TWO DISPERSAL
AREAS ARE ALONG THE NORTH SIDE OF RUNWAY. THE WEST
AREA CONSISTS OF 7 REVETTED HARDSTANDS UNDER
CONSTRUCTION AND THE EAST AREA CONSISTS OF 4 REVETTED
HARDSTANDS UNDER CONSTRUCTION. EACH IS CONNECTED TO
THE RUNWAY BY A TAXIWAY UNDER CONSTRUCTION. SUPPORT
FACILITIES INCLUDE A PROBABLE OPERATIONS BUILDING AND A
POSSIBLE POL STORAGE AREA UNDER CONSTRUCTION.

NO AIRCRAFT OBSERVED.

(SEE ATTACHMENT)

25X1D

HA-MI AIRFIELD 2

CH 4251N 09338E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES.

TOP SECRET CHSS RUFF

MISSION 1028-1 125-29 DEC 65

NO AIRCRAFT OBSERVED.

25X1D



**Nuclear
Energy**

TOP SECRET CHESSE RUFF

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NUCLEAR ENERGY

25X1

CHIH-CHIN-HSIA NUCLEAR ENERGY COMPLEX CH 4010N 09725E

ONLY WESTERN PORTION OF 50-NM SEARCH AREA IS COVERED.

NO SAM FACILITIES OBSERVED IN THE CLOUD-FREE AREA.

25X1D

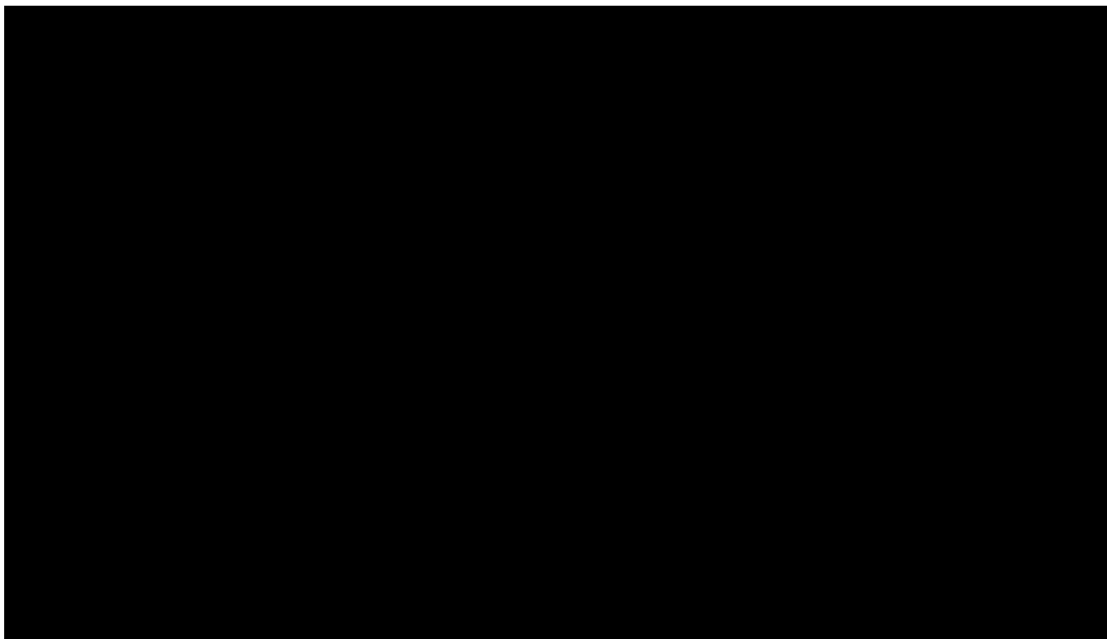
25X2

TOP SECRET CHESSE RUFF

TOP SECRET CHESSE RUFF

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MISSION 1028-1 25-29 DEC 65



25X

25X1

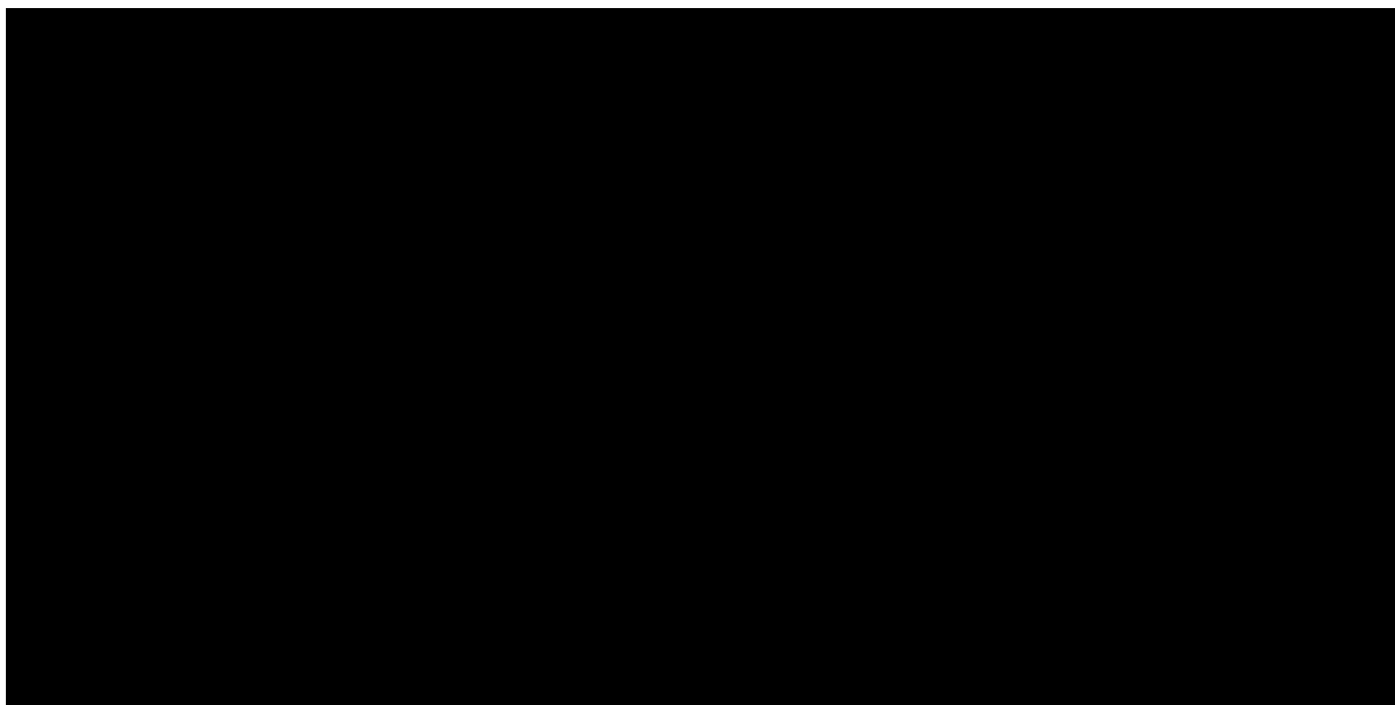
SHANG-HSUAN HYDRO POWERPLANT YEN-KUD HSIA CH 3601N 10315E

NO SIGNIFICANT CHANGE SINCE

25X1

25X1D

25X2



25X2

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**Electronics/
Communications**

TOP SECRET CHESSE RUFF

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25X1A

ELECTRONICS/COMMUNICATIONS

CHIU-AN-TU RADAR INSTALLATION SEARCH CH 4228N 12818E

NO RADAR SITE OBSERVED WITHIN A 25-NM RADIUS OF
REFERENCED COORDINATES. SEARCH AREA IS 5 PERCENT CLOUD
COVERED.

25X1D

CHONGJIN SUSPECT RADAR SITE KN 4147N 12944E

NO RADAR SITES OBSERVED WITHIN A 10-NM RADIUS OF
REFERENCED COORDINATES.

25X1D

AKKULSKIY TALL KING FACILITY SEARCH UR 5040N 07954E

NO TALL KING OBSERVED WITHIN A 50-NM SEARCH OF ABOVE
COORDINATES. SEARCH AREA IS 70 PERCENT CLOUD FREE.

25X1D

CHALOBAY TALL KING FACILITY SEARCH UR 4920N 08244E

NO TALL KING OBSERVED WITHIN A 50-NM RADIUS OF ABOVE
COORDINATES.

SIXTY PERCENT OF SEARCH AREA IS CLOUD-FREE AND 30
PERCENT IS NOT COVERED.

25X1D

DARSTVENNOYE TALL KING FACILITY SEARCH UR 4832N 08350E

REFERENCED COORDINATES AND SEARCH AREA TO THE EAST ARE
NOT COVERED. NO TALL KING FACILITY OBSERVED IN VISIBLE
PORTIONS OF THE 50-NM SEARCH AREA TO THE WEST.

25X1D

TOP SECRET CHESS RUFF

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25X1

YELYUBAYEVKA TALL KING FACILITY SEARCH UR 5106N 07924E

NO TALL KING OBSERVED WITHIN A 50-NM SEARCH OF ABOVE COORDINATES. SEVENTY PERCENT OF SEARCH AREA IS CLOUD FREE.

25X1D

KAPUSTIN YAR 2000 NM IMPACT AREA UR 5646N 10010E

NO TROPOSPHERIC OR RADIO RELAY ANTENNAS OBSERVED WITHIN 20-NM OF REFERENCED COORDINATES.

25X1D

NIZHNIY TAGIL PROB TALL KING-AD HQ FAC UR 5757N 06015E

SECURED PROBABLE TALL KING FACILITY CONTAINS 1 PROBABLE TALL KING ANTENNA, 1 PROBABLE ANTENNA BUILDING, 1 PROBABLE SUPPORT BUILDING, 1 PROBABLE GENERATOR BUILDING, AND 1 POSSIBLE MAINTENANCE BUILDING.

THE AW RADAR FACILITY, LOCATED 0.5 NM WSW OF THE PROBABLE TALL KING, CONTAINS 3 OCCUPIED RADAR MOUNDS AND APPROXIMATELY 10 SUPPORT BUILDINGS.

25X1D

SINGER POSSIBLE INSTRUMENTATION SITE CH 4135N 08820E BONUS 1

APPROXIMATELY 10 NM NW OF SINGER.

A PLUS-SHAPED PATTERN AND APPROXIMATELY FOUR SMALL BUILDINGS OR STRUCTURES ARE ENCLOSED BY A CIRCULAR GROUND SCAR. ONE STRUCTURE IS AT THE TERMINUS OF ONE OF THE LEGS, TWO ARE POSITIONED INWARD FROM THE TERMINALS, AND THE FOURTH OUTSIDE THE PLUS-SHAPED PATTERN. NO SUPPORT OR POWER SOURCE IS OBSERVED ALTHOUGH THE SITE MAY BE UNDER CONSTRUCTION. SITE WAS NOT PRESENT ON

25X1D

(SEE ATTACHMENT).

25X1D

TOP SECRET CHESS RUFF

Complexes

TOP SECRET CHES RUFT

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25X1

COMPLEXES

WEN-SHAN COMPLEX

CH 2322N 10415E

NO SIGNIFICANT CHANGES OR CONSTRUCTION OBSERVED. NO
SIGNIFICANT INDUSTRIES OBSERVED IN THE COMPLEX.

25X1D

TOP SECRET CHES RUFT

Index

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INDEX OF COMOR TARGETS

COMOR	INSTALLATION NAME	CTY	COORDINATES	OAK
25X1A	YURYA ICBM COMPLEX	UR	5904N 04918E	1
	YURYA ICBM LAUNCH AREA A (SITE 2)	UR	5910N 04931E	1
	YURYA ICBM LAUNCH AREA B (SITE 1)	UR	5909N 04939E	1
	YURYA ICBM LAUNCH AREA C (SITE 3)	UR	5913N 04925E	1
	YURYA ICBM LAUNCH AREA D (SITE 4)	UR	5916N 04922E	1
	YURYA ICBM LAUNCH AREA E (SITE 5)	UR	5923N 04917E	1
	YURYA ICBM LAUNCH AREA F (SITE 7)	UR	5921N 04914E	1
	YURYA ICBM LAUNCH AREA G (SITE 6)	UR	5904N 04951E	1
	YURYA ICBM LAUNCH AREA H (SITE 8)	25X2	UR 5911N 04946E	1
	YURYA ICBM LAUNCH AREA I (SITE 11)	UR	5920N 04925E	1
	YURYA ICBM LAUNCH AREA J (SITE 9)	UR	5906N 04945E	1
25X2	YURYA ICBM LAUNCH AREA K (SITE 10)	UR	5913N 04918E	1
	VERKHNYAYA SALDA ICBM COMPLEX	UR	5802N 06024E	2
	VERKHNYAYA SALDA ICBM LNCH AREA A (SITE 2)	UR	5808N 06015E	2
	VERKHNYAYA SALDA ICBM LNCH AREA B (SITE 1)	UR	5806N 06021E	2
	VERKHNYAYA SALDA ICBM LNCH AREA C (SITE 3)	UR	5810N 06027E	2
	VERKHNYAYA SALDA ICBM LNCH AREA D (SITE 4)	UR	5812N 06034E	2
	VERKHNYAYA SALDA ICBM LNCH AREA E (SITE 5)	UR	5813N 06054E	2
	VERKHNYAYA SALDA ICBM LNCH AREA F (SITE 7)	UR	5814N 06040E	2
	VERKHNYAYA SALDA ICBM LNCH AREA G (SITE 8)	UR	5813N 06049E	2
	VERKHNYAYA SALDA ICBM LNCH AREA H (SITE 9)	UR	5805N 06012E	2
	VERKHNYAYA SALDA ICBM LNCH AREA I (SITE 10)	UR	5808N 06032E	2
	TYURATAM MISSILE TEST CENTER	UR	4538N 06317E	1
	TYURATAM LAUNCH COMPLEX C (SITE 3)	UR	4558N 06339E	1
	TYURATAM LAUNCH COMPLEX D (SITES 4, 9)	UR	4601N 06400E	1
	TYURATAM LAUNCH COMPLEX I (SITES 14 & 32)	UR	4555N 06326E	1
	TYURATAM LAUNCH COMPLEX J (SITE 31)	25X2	UR 4555N 06316E	1
	SVOBODNYI ICBM COMPLEX	UR	5146N 12806E	2
	SVOBODNYI ICBM LAUNCH AREA A (SITE 3)	UR	5154N 12810E	2
	SVOBODNYI ICBM LAUNCH AREA B (SITE 1)	UR	5149N 12818E	2
	SVOBODNYI ICBM LAUNCH AREA D (SITE 4)	UR	5158N 12807E	2
	SVOBODNYI ICBM LAUNCH AREA E (SITE 6)	UR	5143N 12759E	2
	SVOBODNYI ICBM LAUNCH AREA F (SITE 5)	UR	5151N 12813E	2
	SVOBODNYI ICBM LAUNCH AREA G (SITE 7)	UR	5138N 12758E	2
	SVOBODNYI ICBM LAUNCH AREA H (SITE 8)	UR	5202N 12805E	2
	DROVYANAYA ICBM COMPLEX	UR	5131N 11300E	2
	DROVYANAYA ICBM LAUNCH AREA A (SITE 1)	UR	5125N 11300E	2
	DROVYANAYA ICBM LAUNCH AREA B (SITE 2)	UR	5125N 11304E	2
	DROVYANAYA ICBM LAUNCH AREA C (SITE 4)	UR	5127N 11303E	2
	DROVYANAYA ICBM LAUNCH AREA D (SITE 3)	UR	5120N 11301E	2
	DROVYANAYA ICBM LAUNCH AREA E (SITE 5)	UR	5122N 11250E	2
	DROVYANAYA ICBM LAUNCH AREA F (SITE 6)	UR	5120N 11254E	2

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25X1A

DROVYANAYA ICBM LAUNCH GROUP G	UR 5134N 11304E 2
DROVYANAYA ICBM LAUNCH GROUP H	UR 5122N 11302E 2
ITATKA ICBM COMPLEX	UR 5650N 08535E 2
ITATKA ICBM LAUNCH AREA A (SITE 1)	UR 5658N 08531E 2
ITATKA ICBM LAUNCH AREA B (SITE 2)	UR 5700N 08539E 2
ITATKA ICBM LAUNCH AREA C (SITE 3)	UR 5654N 08539E 2
SHADRINSK ICBM COMPLEX	UR 5608N 06340E 2
OMSK ICBM COMPLEX	UR 5504N 07331E 2
OMSK ICBM LAUNCH AREA A (SITE 1)	UR 5509N 07337E 2
PERM ICBM COMPLEX	UR 5742N 05619E 2
PERM ICBM LAUNCH AREA A (SITE 1)	UR 5741N 05612E 2
PERM ICBM LAUNCH AREA B (SITE 2)	UR 5743N 05555E 2
PERM ICBM LAUNCH AREA C (SITE 3)	UR 5737N 05607E 2
PERM ICBM LAUNCH AREA D (SITE 6)	UR 5744N 05600E 2
PERM ICBM LAUNCH AREA E (SITE 5)	UR 5741N 05547E 2
PERM ICBM LAUNCH AREA F (SITE 4)	UR 5741N 05604E 2
PERM ICBM LAUNCH GROUP G	UR 5742N 05600E 2
PERM ICBM COMPLEX SUPPORT FACILITY	UR 5742N 05619E 2
PERM ICBM SUSPECT LAUNCH AREA	UR 5745N 05605E 2
TYUMEN ICBM COMPLEX	UR 5652N 06551E 1
TYUMEN ICBM LAUNCH AREA A (SITE 3)	UR 5651N 06533E 1
TYUMEN ICBM LAUNCH AREA C (SITE 2)	UR 5650N 06526E 1
GLADKAYA ICBM COMPLEX	UR 5606N 09214E 2
GLADKAYA ICBM LAUNCH GROUP F	UR 5614N 09215E 2
GLADKAYA ICBM LAUNCH GROUP G	UR 5614N 09145E 2
UZHUR ICBM COMPLEX	UR 5517N 08949E 2
UZHUR ICBM LAUNCH AREA E (SITE 5)	UR 5513N 08933E 2
UZHUR ICBM LAUNCH AREA K (SITE 11)	UR 5515N 08910E 2
UZHUR ICBM LAUNCH AREA L (SITE 12)	UR 5507N 08937E 2
UZHUR ICBM LAUNCH AREA M (SITE 13)	UR 5512N 08941E 2
UZHUR ICBM LAUNCH AREA O (SITE 15)	UR 5505N 08948E 2
UZHUR ICBM LAUNCH AREA P (SITE 16)	UR 5501N 08933E 2
UZHUR ICBM LAUNCH AREA Q (SITE 17)	UR 5502N 08943E 2
UZHUR ICBM LAUNCH AREA R (SITE 18)	UR 5457N 08940E 2
UZHUR ICBM LAUNCH AREA S (SITE 19)	UR 5517N 08944E 2
NOVOSIBIRSK ICBM COMPLEX	UR 5515N 08259E 2
NOVOSIBIRSK ICBM LAUNCH AREA A (SITE 2)	UR 5519N 08309E 2
NOVOSIBIRSK ICBM LAUNCH AREA B (SITE 1)	UR 5518N 08301E 2
NOVOSIBIRSK ICBM LAUNCH AREA C (SITE 3)	UR 5523N 08254E 2
NOVOSIBIRSK ICBM LAUNCH AREA D (SITE 4)	UR 5521N 08313E 2
NOVOSIBIRSK ICBM LAUNCH AREA E (SITE 5)	UR 5519N 08256E 2
OLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E 1
ZHANGIZ-TOBE ICBM COMPLEX	UR 4912N 08109E 2
ZHANGIZ-TOBE ICBM LAUNCH AREA A (SITE 1)	UR 4911N 08059E 2
ZHANGIZ-TOBE ICBM LAUNCH AREA B (SITE 2)	UR 4917N 08058E 2
ZHANGIZ-TOBE ICBM LAUNCH AREA C (SITE 4)	UR 4910N 08105E 2
ZHANGIZ-TOBE ICBM LAUNCH AREA D (SITE 5)	UR 4906N 08103E 2
ZHANGIZ-TOBE ICBM LAUNCH AREA E (SITE 3)	UR 4912N 08053E 2
ZHANGIZ-TOBE ICBM LAUNCH AREA F (SITE 6)	UR 4907N 08057E 2

TOP SECRET CHESSE RUFF

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25X1A

ZHANGIZ-TOBE ICBM LAUNCH AREA G (SITE 7) UR 4919N 08050E 2
ZHANGIZ-TOBE ICBM LAUNCH AREA I (SITE 9) UR 4925N 08049E 2
ZHANGIZ-TOBE ICBM LAUNCH AREA J (SITE 10) UR 4921N 08058E 2
DOMBAROVSKIY ICBM COMPLEX UR 5100N 05954E 2
KARTALY ICBM COMPLEX UR 5302N 06035E 2
KARTALY ICBM LAUNCH AREA A (SITE 1) UR 5301N 06026E 2
KARTALY ICBM LAUNCH AREA B (SITE 2) UR 5256N 06031E 2
KARTALY ICBM LAUNCH AREA C (SITE 3) UR 5255N 06024E 2
KARTALY ICBM LAUNCH AREA D (SITE 4) UR 5251N 06027E 2
KARTALY ICBM LAUNCH AREA E (SITE 5) UR 5300N 06016E 2
KARTALY ICBM LAUNCH AREA F (SITE 6) UR 5304N 06018E 2
KARTALY ICBM LAUNCH AREA G (SITE 7) UR 5308N 06041E 2
KARTALY ICBM LAUNCH AREA H (SITE 8) UR 5307N 06032E 2
KARTALY ICBM LAUNCH AREA I (SITE 10) UR 5309N 06024E 2
KARTALY ICBM PROB LAUNCH AREA J (SITE 12) UR 5313N 06039E 2
KARTALY ICBM LAUNCH AREA K (SITE 11) UR 5312N 06032E 2
KARTALY ICBM POSS LAUNCH AREA L UR 5312N 06011E 2
NOVOSYSOYEVKA IRBM LAUNCH SITE 1 UR 4411N 13326E 1
NOVOSYSOYEVKA IRBM LAUNCH SITE 2 UR 4407N 13327E 1
SEVERNYY SUCHAN MRBM LAUNCH SITE UR 4310N 13320E 1
SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E 1
CHELKAR FIELD LAUNCH POINT MRBM UR 4805N 05935E 1
MAKAT FIELD LAUNCH POINT MRBM UR 4758N 05342E 1
SHUANG-CHENG-TZU MISSILE TEST CENTER CH 4107N 10020E 2
SHUANG-CHENG-TZU LAUNCH COMPLEX A (SITE 1) CH 4114N 10017E 2
SHUANG-CHENG-TZU LAUNCH CPLX B (SITE 2) CH 4115N 10018E 2
SHUANG-CHENG-TZU LAUNCH COMPLEX C (SITE 3) CH 4118N 10017E 2
SHUANG-CHENG-TZU RR CONSTRUCTION CAMP CH 4031N 10057E 2
SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX CH 4104N 10030E 2
SHUANG-CHENG-TZU AIRDROP MARKER CH 4042N 10031E 2
SHUANG-CHENG-TZU SSM-SAM ASSM & CHECK CPLX CH 4106N 10016E 2
EMBA MSL TEST CENTER LAUNCH AREA UR 4831N 05801E 1
MAGADAN SUSPECT MISSILE TEST FACILITY UR 6000N 15300E 1
ANTIPINSKOYE SAM ACTIVITY UR 5254N 11332E 2
KRASNOYARSK ROCKET ENGINE TEST FACILITY UR 5605N 09327E 1
PERM ROCKET ENGINE TEST FACILITY UR 5801N 05634E 1
PERM ROCKET MOTOR TEST FACILITY UR 5758N 05549E 1
HAI-NAN TAO SSM AREA 1 CH 1825N 10957E 2
OPAVA POSSIBLE MRBM SITE CZ 4957N 01755E 1

25X1B

LAO CAI SAM SEARCH
DIEN BIEN PHU SAM SEARCH

25X1B

VN 2229N 10359E 2
VN 2123N 10301E 2

PETROPAVLOVSK NAVAL BASE TARYA BAY UR 5255N 15830E 1
PETROPAVLOVSK NAVAL MISSILE STORAGE UR 5256N 15823E 1
PETROPAVLOVSK NVL MSL SUPPORT FACILITY UR 5257N 15825E 1

TOP SECRET CHESSE RUFF

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25X1A

25X2

PETROPAVLOVSK NVL B SELDEVAYA BAY UR 5253N 15825E 1
VLADIMIR SUBMARINE BASE UR 4355N 13528E 1
SOVETSKAYA GAVAN SUBMARINE BASE UR 4902N 14016E 1
BRATSK SUSPECT ABM AREA UR 5654N 10030E 2
BOBROVSKIY REGIONAL MILITARY STOR INSTLN UR 5641N 06105E 1

25X2

GLAZOV REGIONAL MILITARY STOR INSTALLATION UR 5751N 05317E 1
GLAZOV POSSIBLE STORAGE AREA UR 5751N 05314E 1
DOLON AIRFIELD UR 5032N 07912E 1

25X2

UKRAINA AIRFIELD UR 5110N 12826E 2

SPASSK-DALNIY AIRFIELD EAST UR 4437N 13253E 1
BELAYA AIRFIELD UR 5254N 10335E 2
ALEKSEYEVKA AIRFIELD UR 4914N 14011E 1
OMSK AIRCRAFT PLANT 166 UR 5458N 07326E 2
SHEN-YANG AIRCRAFT ENGINE PLANT CH 4147N 12330E 1
SHEN-YANG AIRFRAME PLANT 112 CH 4152N 12325E 1
AN-TUNG AIRFIELD CH 4001N 12417E 1
HSI-NING AIRFIELD CH 3633N 10159E 2
LIAO-YANG AIRFIELD WEST CH 4116N 12305E 1
LING-SHUI AIRFIELD CH 1830N 10959E 2
MENG-TZU AIRFIELD WEST CH 2324N 10319E 2
SHEN-YANG AIRFIELD NORTH CH 4152N 12326E 1
SHUANG-CHENG-TZU AIRFIELD CH 4021N 09947E 2
AN-TUNG-HSIEN AIRFIELD CH 3956N 12408E 1
TENG-AO-PAO AIRFIELD CH 4106N 12251E 1
TSANG-HSIEN AIRFIELD CH 3824N 11655E 1
WU-KUNG AIRFIELD CH 3417N 10815E 2
HSI-AN AIRCRAFT ENGINE PLANT WU-KUNG CH 3417N 10815E 2
LHASA AIRFIELD TI 3030N 09107E 1
HO-TIEN AIRFIELD CH 3702N 07952E 1
SO-CHE AIRFIELD CH 3825N 07717E 1
KA-ERH-MU AIRFIELD CH 3645N 09533E 2
KUN-MING AIRFIELD CH 2459N 10244E 1
PI-SHAN AIRFIELD CH 3738N 07819E 1
WU-WEI AIRFIELD CH 3759N 10234E 2
PING-YUAN-CHIEH AIRFIELD CH 2342N 10350E 2
HA-MI AIRFIELD 2 CH 4251N 09338E 2

25X2

SHANG-HSUAN HYDRO POWERPLANT YEN-KUO HSIA CH 3601N 10315E 2

25X2

25X2

51

TOP SECRET CHESSE RUFF

TOP SECRET CHESSE RUFF

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25X2

25X1A

YU-LIN NAVAL BASE AND PORT	CH 1813N 10931E 1
CHING-TAO SUBMARINE BASE	CH 3604N 12019E 1
CHING-TAO NAVAL DOCKYARD	CH 3604N 12019E 1
CHING-TAO NAVAL INSTALLATION	CH 3606N 12032E 1
KOMSOMOLSK SHIPYARD AMUR 199	UR 5033N 13702E 1
ANGARSK DUAL HEN HOUSE	UR 5253N 10315E 1
CHIU-AN-TU RADAR INSTALLATION SEARCH	CH 4228N 12818E 2
EMBA MSL TEST CENTER ELECTRONICS FACILITY	UR 4836N 05806E 1
CHONGJIN SUSPECT RADAR SITE	KN 4147N 12944E 2
AKKULSKIY TALL KING FACILITY SEARCH	UR 5040N 07954E 2
CHALOBAY TALL KING FACILITY SEARCH	UR 4920N 08244E 2
DARSTVENNOYE TALL KING FACILITY SEARCH	UR 4832N 08350E 2
YELYUBAYEVKA TALL KING FACILITY SEARCH	UR 5106N 07924E 2
NIKULINO TALL KING FACILITY SEARCH	UR 6022N 08947E 1
AS TALL KING FACILITY SEARCH	CZ 5013N 01212E 1
TALAYA SUSPECT TROPOSCATTER SITE	UR 5904N 13435E 1
KANDAV SUSPECT TROPOSCATTER SITE	UR 3905N 07132E 1
ALTYNMAZAR SUSPECT TROPOSCATTER SITE	UR 3904N 07227E 1

KAPUSTIN YAR 2000 NM IMPACT AREA	UR 5646N 10010E 2
NIZHNIY TAGIL PROB TALL KING-AD HQ FAC	UR 5757N 06015E 2
KIROVABAD TALL KING FACILITY SEARCH	UR 3718N 06827E 1
KAI-YUAN ARMY BARRACKS NORTHEAST	CH 2343N 10315E 1
MENG-TZU INF DIV HQS & ARMY BARRACKS WEST	CH 2322N 10323E 1
LHASA ARMY BARRACKS SOUTH THIP	TI 2937N 09107E 1
LHASA ARMY BARRACKS WEST NORTU LINGKA	TI 2939N 09102E 1
LHASA ARMY BARRACKS & WAREHOUSE AREA N	TI 2940N 09107E 1
LHASA ARMY BARRACKS SOUTHWEST	TI 2938N 09106E 1
LHASA ARMY BARRACKS SOUTHEAST PEITING	TI 2937N 09114E 1
LI-MA SUPPLY DEPOT	TI 2824N 09703E 1
TASHIGONG MILITARY AREA	TI 3232N 07941E 1
TSO-NA CAMP AND STORAGE AREA	TI 2805N 09155E 1
TSO-NA BARRACKS	TI 2802N 09154E 1
KUN-MING COMPLEX	CH 2504N 10241E 1
WEN-SHAN COMPLEX	CH 2322N 10415E 2
YEH-CHENG COMPLEX	CH 3750N 07725E 1

25X6

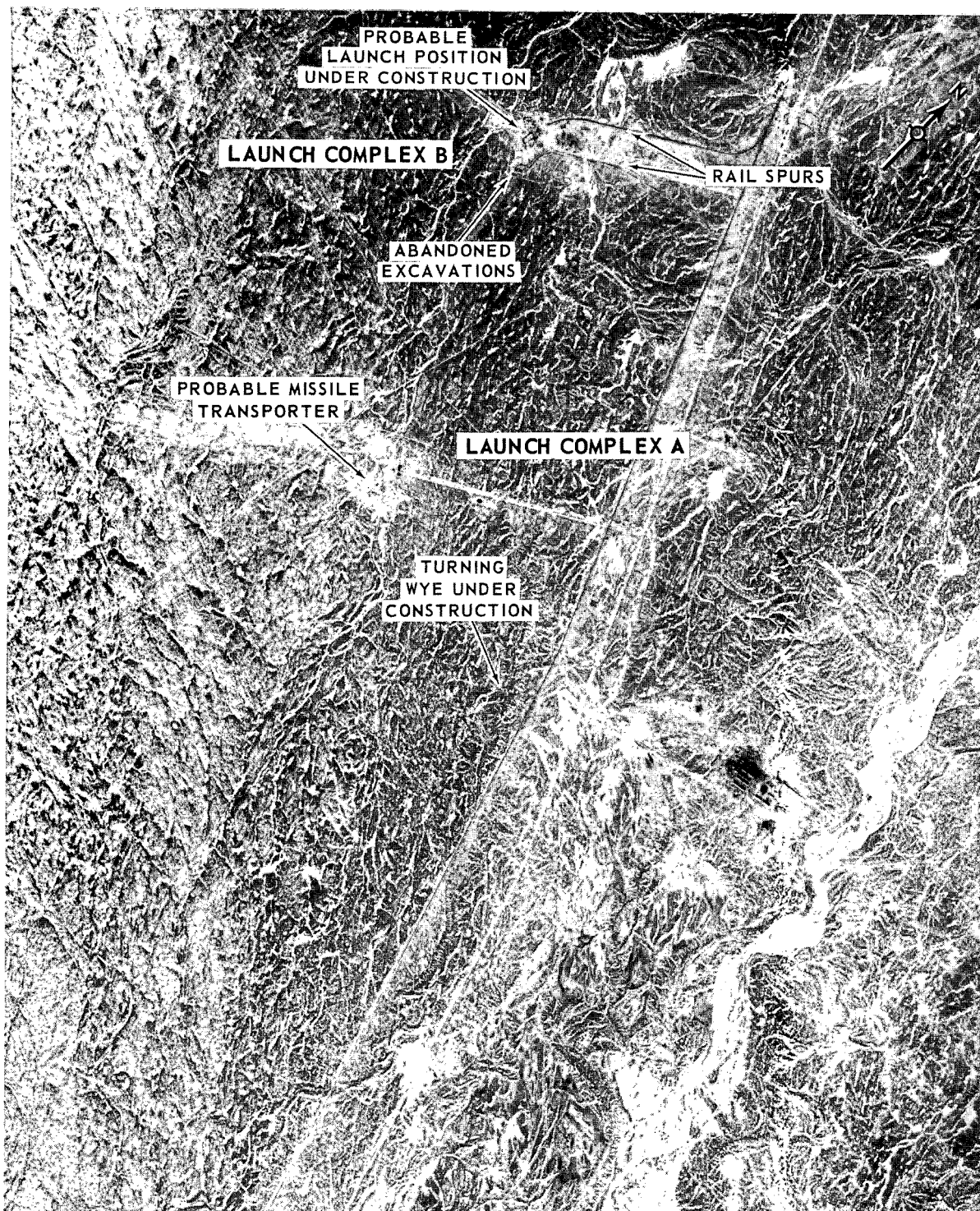
TOP SECRET CHESSE RUFF

Attachments

TOP SECRET CHSS RUFF

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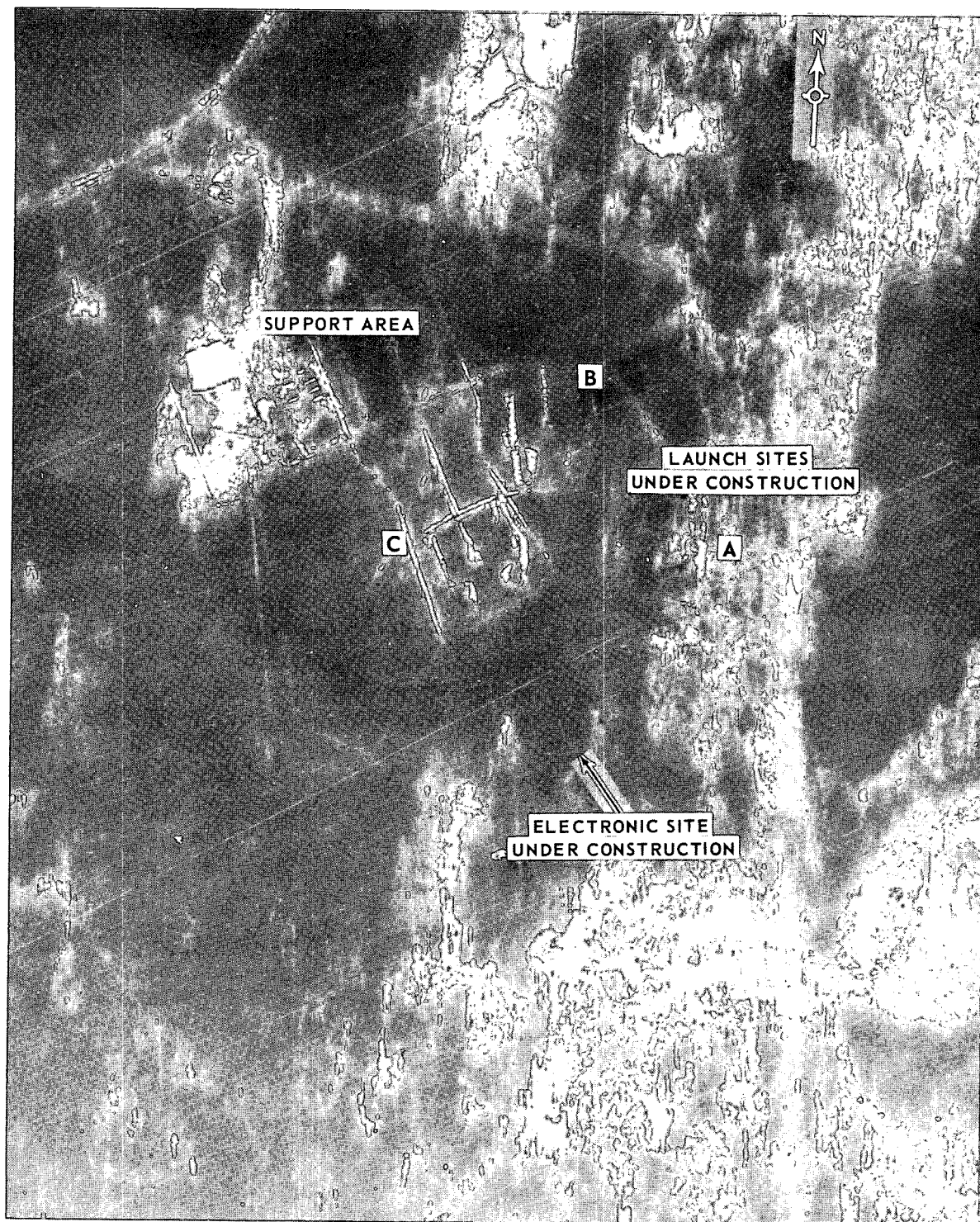
ATTACHMENT 1



SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA

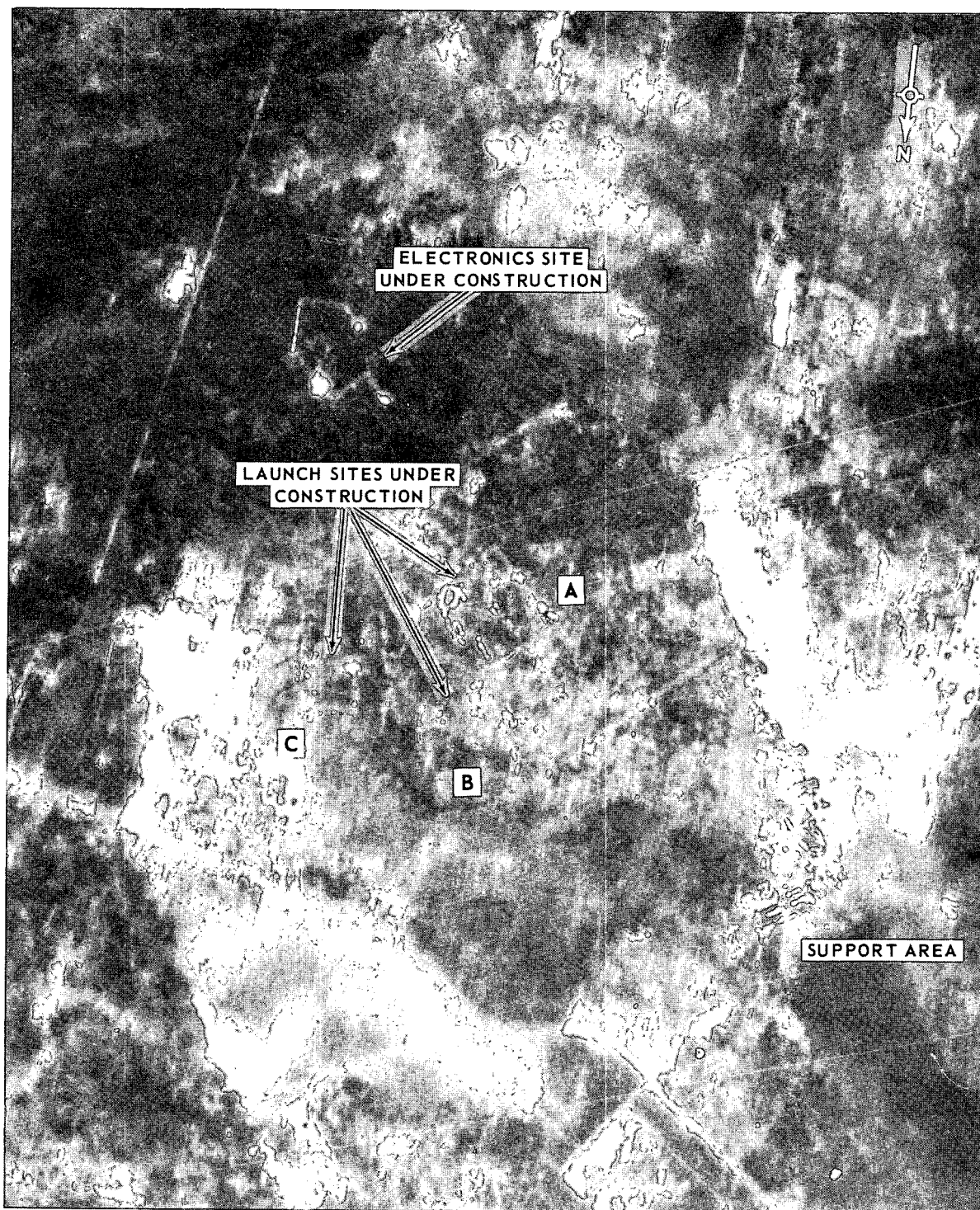
NPIC K-6850 (1/66)

TOP SECRET CHSS RUFF



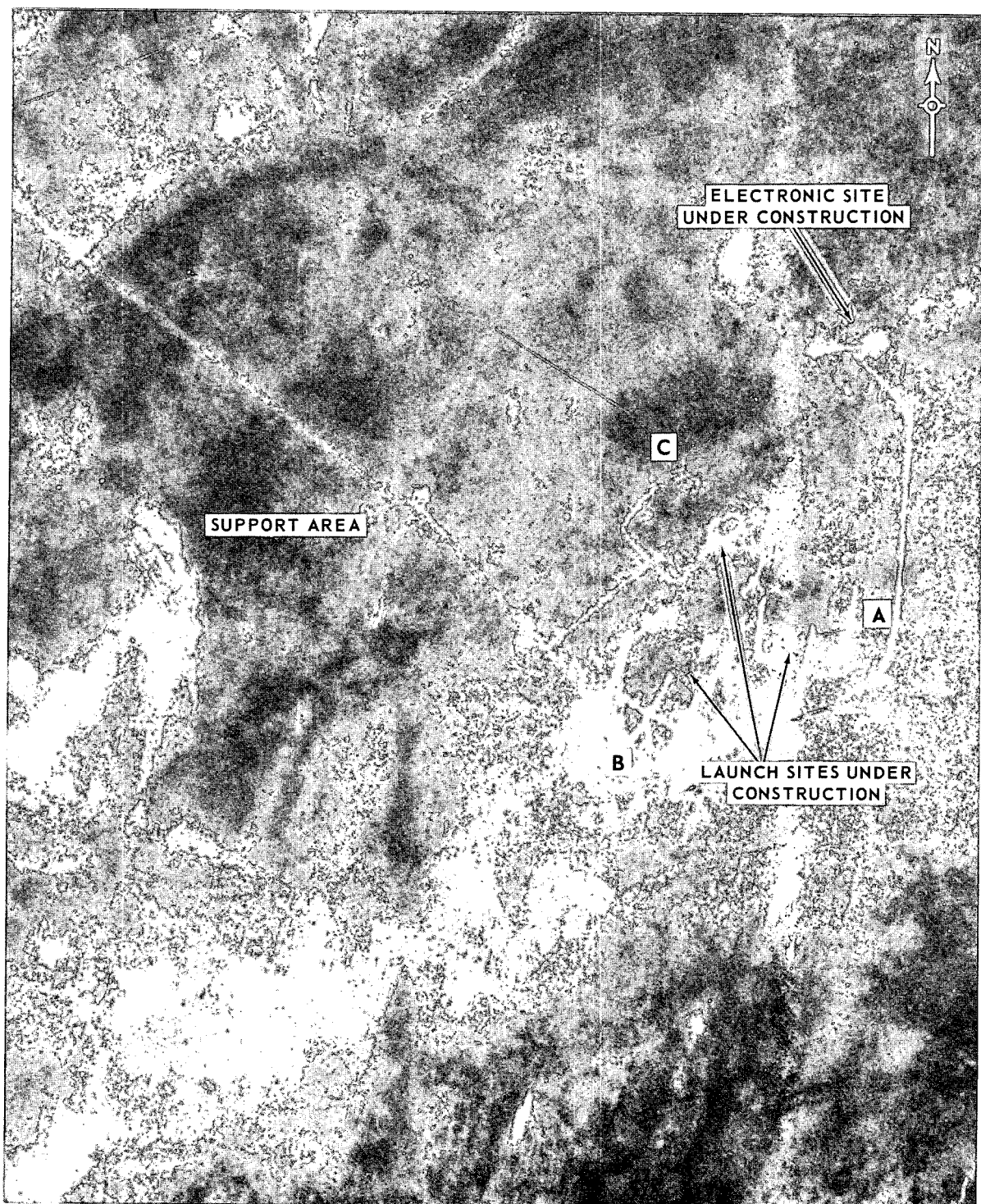
AMM/SAM LAUNCH COMPLEX, NIZHNYAYA SALDA, USSR

NPIC K-6851 (1/66)



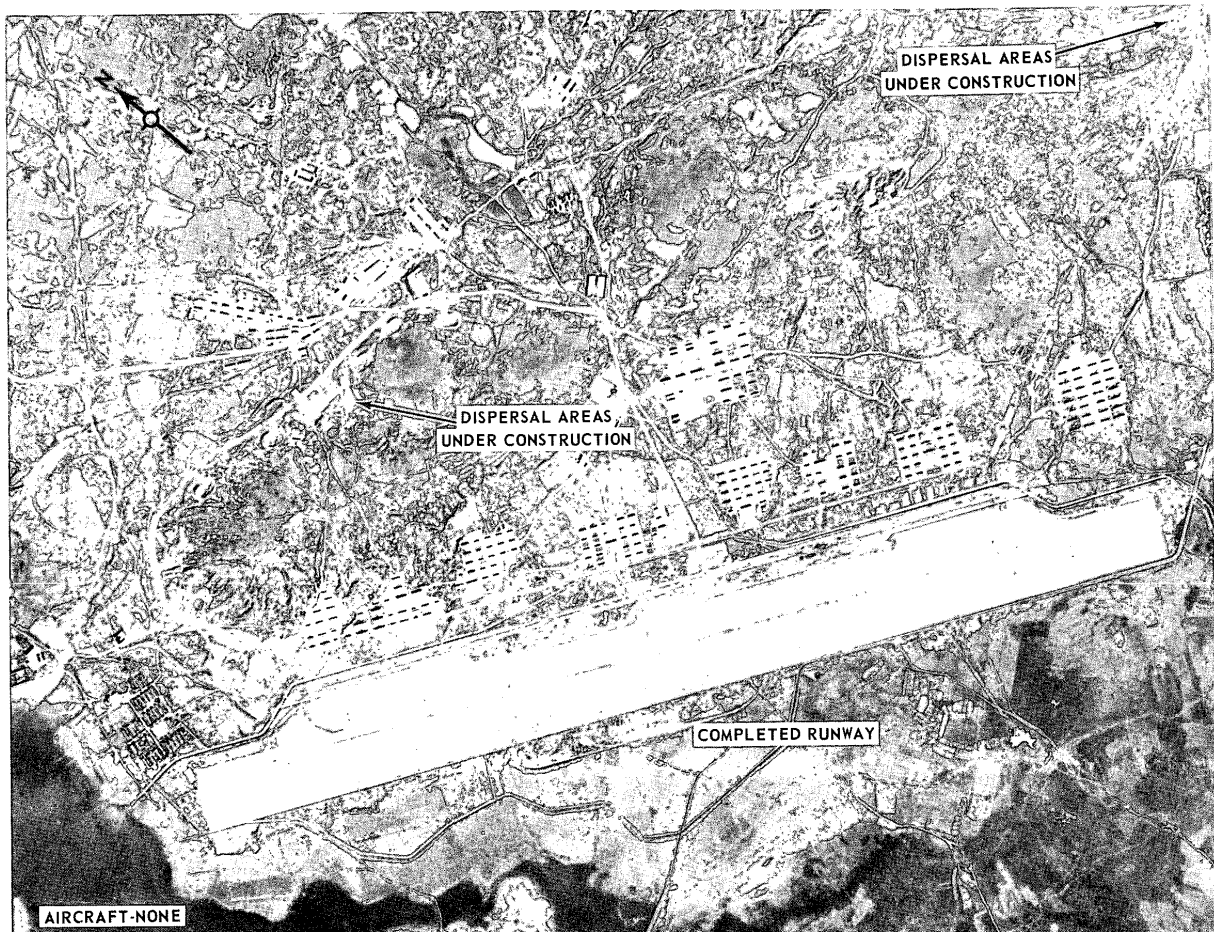
AMM/SAM LAUNCH COMPLEX, SVERDLOVSK, USSR.

NPIC K-6852 (1/66)



AMM/SAM LAUNCH COMPLEX, NIZHNYAYA TURA, USSR.

NPIC K-6853 (1/66)



NPIC K-6854 (1/66)

PING-YUAN-CHIEH AIRFIELD, CHINA

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF
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ATTACHMENT 5

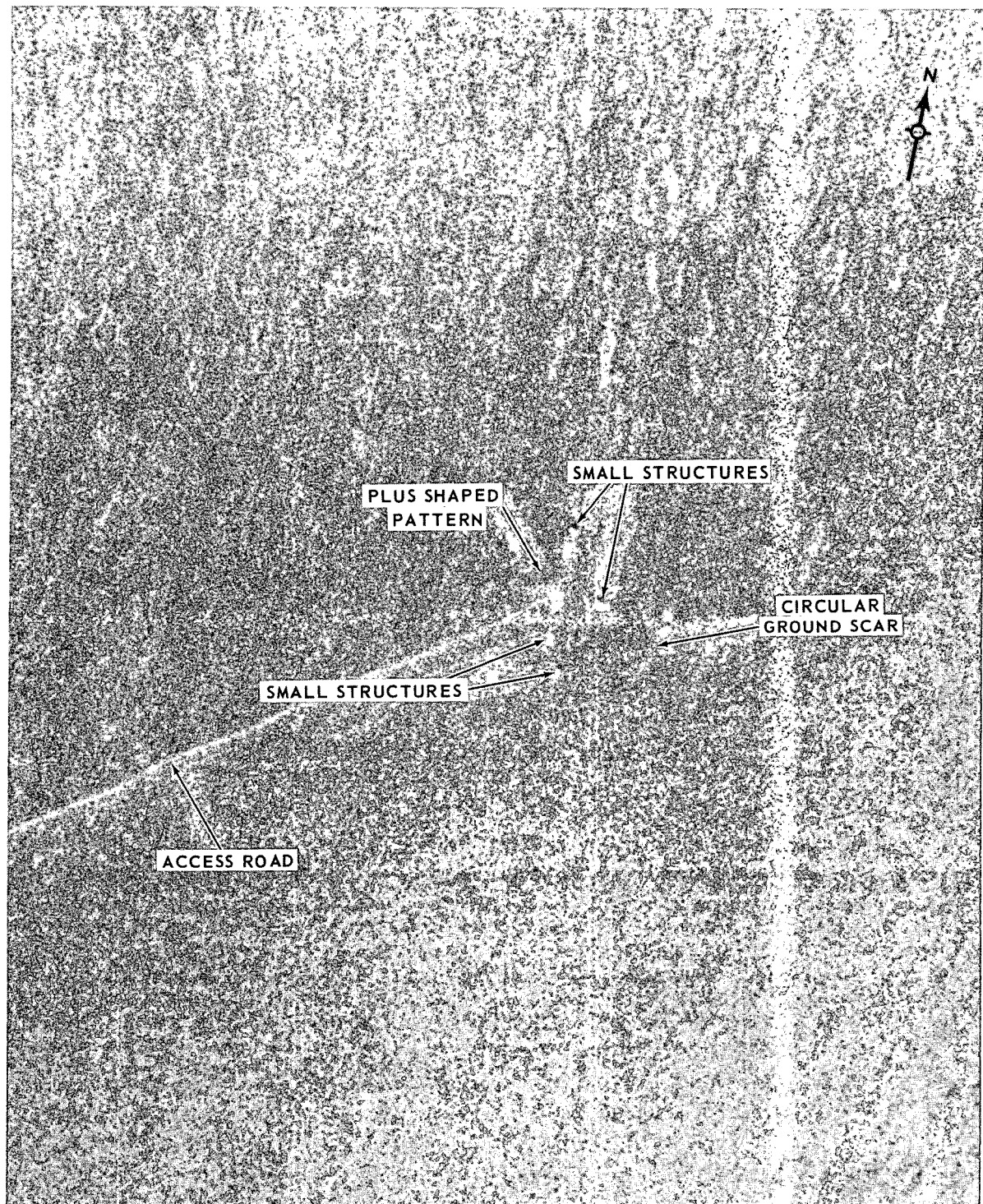
TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

25X2

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Approved For Release 2001/11/19 : CIA-RDP78T04759A003400010002-8



POSSIBLE INSTRUMENTATION SITE, SINGER, CHINA

NPIC K-6856 (1/66)